

2020-2021 PATHWAYS COURSE GUIDE ALPHA LIST

PATHWAYS CONCEPT KEY:

- 1f** = Foundational Discourse
- 1a** = Advanced/Applied Discourse
- 2** = Critical Thinking in the Humanities
- 3** = Reasoning in the Social Sciences
- 4** = Reasoning in the Natural Sciences
- 5f** = Foundational Quantitative and Computational Thinking
- 5a** = Advanced/Applied Quantitative and Computational Thinking
- 6a** = Critique and Practice in the Arts
- 6d** = Critique and Practice in Design
- 7** = Critical Analysis of Identity and Equity in the United States

NOTE: If a course is approved for two concepts (e.g. 2 OR 3), it can only count for one or the other. The EXCEPTION is for courses that are approved for Concept 7 and any other Concept (e.g. 2 AND 7) in which case the course will 'double count' for both concepts.

PATHWAYS MINORS KEY:

- ABB** = Adaptive Brain & Behavior
- APCE** = Appalachian Cultures & Environments
- BIOD** = Biodiversity Conservation
- BLPL** = Blue Planet
- CAFS** = Civic Agriculture & Food Systems
- CSE** = Community Systems & Engagement
- DTDC** = Data & Decisions
- DSST** = Disability Studies
- ECOC** = Ecological Cities
- EEMG** = Event & Experience Management
- GBP** = Global Business Practices to Improve the Human Condition
- GFSH** = Global Food Security & Health
- INNO** = Innovation
- ISDA** = Integrated Security
- LNGS** = Language Sciences
- MTSC** = Materials in Society
- BOLD** = Organizational Leadership
- PSUS** = Pathways to Sustainability
- PSSJ** = Peace Studies & Social Justice
- PPE** = Philosophy, Politics, & Economics
- SCOM** = Strategic Communication
- STL** = Science, Technology & Law
- VAS** = Visual Arts & Society

Pathways Minors are thematic, cross-disciplinary programs that allow students to examine important topics from a variety of perspectives while completing general education requirements along the way. Descriptions of each minor can be found on the [Pathways website](#). Consult the [minor checksheets](#) for detailed requirements.

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAEC	1005	Econ Food Fiber Sys	3				BLPL, CAFS, GFSH, PPE
AAEC	1006	Econ Food Fiber Syst	3				BLPL, CAFS, GFSH, PPE
AAEC	1264	Peace Economics	3				ISDA, PPE, PSSJ
AAEC	2104	Personal Financial Planning	5a				
AAEC	3204	Intl Agri Dvlp & Trad	3		AAEC-1005/UG/P OR ECON-2005/UG/P		CAFS, GBP, GFSH, PPE
AAEC	3324	Environment Sustain Dev Econ	3 AND 7		AAEC-1005/UG/P OR AAEC-1006/UG/P OR ECON-2005/UG/P		BIOD, CAFS, GBP, GFSH, ISDA, PSSJ, PPE
AAEC	4464	Water Resources Policy & Econ	3 AND 7	FREC 4464, WATR 4464	AAEC-1005/UG/P		BLPL

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ACIS	1004	Accounting Foundations	5f				INNO, BOLD, SCOM
ADV	2134	Intro to Health Communication	3	CMST 2134			ABB
AFST	1714	Intro African American Studies	3 AND 7				APCE
AFST	1814	Intro to African Studies	2 OR 3				
AFST	2204	Race & Gender in Rel & Cult	2 AND 7	RLCL 2204, WGS 2204			
AFST	2275	African-American History	2 AND 7	HIST 2275			
AFST	2276	African-American History	2 AND 7	HIST 2276			
AFST	2644	Intro African-American Lit	2 AND 7	ENGL 2644	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
AFST	3864	Development and Hum in Africa	2 OR 3	HIST 3864, IS 3864			PSSJ
AHRM	1014	Design and Art for Consumers	6a or 6d				SCOM
AHRM	2014	Design for Consumers Studio	6d		AHRM-1014/UG/P		INNO
AHRM	2404	Consumer Rights	3				
AINS	1104	Intro American Indian Studies	3				APCE
AINS	2414	Identity & Inclusion in Agric	1a AND 7	ALCE 2414	ENGL-1106/UG/P		
AINS	3174	Native American History	2 AND 7	HIST 3174			
ALCE	2414	Identity & Inclusion in Agric	1a AND 7	AINS 2414	ENGL-1106/UG/P		
ALS	2204	Intro Civic Agriculture	1a				APCE, CAFS
ALS	3104	Animal Breeding and Genetics	5a		BIOL-1105/UG/P AND (STAT-2004/UG/P OR STAT-3005/UG/P OR STAT-3615/UG/P) AND (APSC-1454/UG/P OR DASC-2474/UG/P OR DASC-2484/UG/P)		
ALS	3404	Ecological Agriculture	4				CAFS

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ALS	4204	Concepts Comm Food Systems	3		ALS-3404/UG/P		APCE, CAFS
ALS	4214	Capstone: Civic Ag Food Sys	6d		ALS-2204/UG/P AND ALS-3404/UG/P AND ALS-4204/UG/P		CAFS
ALS	4244	Capstone Global Food Security	1a		CSES-2244/UG/P AND AAEC-3204/UG/P		GFSH
ALS	2984L	Special Study	6d				
APS	1704	Intro to Appalachian Studies	2 AND 7	HUM 1704			APCE
APS	2124	Music Traditions in Appalachia	6a or 6d	MUS 2124			APCE
APS	2404	Folk Cultures in Appalachia	6d AND 7	HUM 2404			APCE
APS	2434	Cult Politics Music Appalachia	2 AND 7				APCE
APS	4414	Issues in Appalachian Studies	1a	HUM 4414	HUM-1704/UG/P OR APS-1704/UG/P		APCE
APSC	4004	Contemporary Issues in APSC	1a		APSC-2004/UG/P		
ARBC	2774	Arab Culture and Civilization	2 OR 3			Taught in English.	
ARBC	3304	Modern Arabic Lit in Trans	2			Taught in English.	
ARBC	3474	Topics in Arab Cinema	2			May be repeated 2 times with different content for a maximum of 6 credits.	
ARCH	3115	Histories of Architecture	2		ARCH-1015/UG/P		
ARCH	3116	Histories of Architecture	2		ARCH-3115/UG/P		
ARCH	4514	Thesis Inquiry	6a or 6d		ARCH-4016/UG/P		
ARCH	4524	Thesis Documentation	6a or 6d		ARCH-4514/UG/P AND ARCH-4515/UG/P		
ART	1004	Studio Art for Non-Majors	6a			May be repeated with different topics, for a maximum of 12 credit hours.	VAS

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ART	1104	Language of Visual Arts	2 OR 6a or 6d				VAS
ART	1114	CT+E Play to Make	6a	CAUS 1114, IDS 1114			
ART	1234	Topics in Design Non- Majors	6d			May be repeated for up to a maximum of 12 credit hours with varying or different topics.	VAS
ART	1334	Visual Arts and Culture	2 OR 6a				
ART	2385	Surv Hist West Art	2 OR 6a				BOLD, PSUS, VAS
ART	2386	Surv Hist West Art	2 OR 6a				BOLD, PSUS, VAS
ART	2514	Drawing Concepts	6a		ART-1414/UG/P		
ART	2604	Intro to Creative Tech	6a		ART-1604/UG/P		
ART	3054	Islamic Art and Architecture	2 OR 6a				
ART	3064	Arts of China and Japan	2 OR 6a				
ART	3074	Egyptian Art and Architecture	2 OR 6a				
ART	3094	Early Mod Global Vis Culture	2 OR 6a				
ART	3114	Creative Code	5a		ART-1114/UG/P		
ART	3174	Introduction to Archaeology	2 OR 3				VAS
ART	3184	Roman Art and Architecture	2 OR 6a				
ART	3284	Medieval Art and Architecture	2 OR 6a				
ART	3384	Renaissance Art	2 OR 6a				
ART	3484	Baroque Art and Arch	2 OR 6a				
ART	3584	19th Century Art	2 OR 6a				
ART	3674	History of Photography	2 OR 6a				
ART	3684	African-American Art	6a AND 7				
ART	3884	American Art to 1914	6a AND 7				

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ART	4104	Interpretation of Visual Arts	1a OR 6a		ART-1104/UG/P AND Six credits of social sciences from Pathways Minor in the Visual Arts and Society checksheet.	Capstone seminar for the Pathways Minor in the Visual Arts and Society.	VAS
ART	1984M	Special Study	6a				
BDS	2005	Fundamentals of BDS	3				DTDC
BDS	2006	Fundamentals of BDS	3		BDS-2005/UG/P AND ECON-2005/UG/P AND PSYC-1004/UG/P		DTDC
BDS	3134	Choice and Behavior	3	ECON 3134	ECON-2005/UG/P		
BDS	4194	Predicting Social Behavior	5a	PSYC 4194	(PSYC-1094/UG/P OR ECON-3254/UG/P) AND (BIT-2405/UG/P OR STAT-2004/UG/P OR STAT-3604/UG/P OR STAT-3005/UG/P OR STAT-3615/UG/P)		
BIOL	1014	Introduction to Biology	4				
BIOL	1024	Cancer Causes Treatments Costs	4				
BIOL	1034	Biology of Sex	4				
BIOL	1054	Human Biol: Cncpts Curr Issues	4				
BIOL	1064	Plants and Civilization	4				
BIOL	1074	How Animals Think	4				
BIOL	1105	Principles of Biology	4				
BIOL	1106	Principles of Biology	4				
BIOL	29844	Special Study	4				
BIOL	2984D	Special Study	4				
BIT	2164	Foundations Security Environ	3 OR 5f	CS 2164, PSCI 2164			ISDA
BIT	2404	Multicultural Prob Analytics	5f	MGT 2404	MATH-1025/UG/P AND (MATH-1225/UG/P OR MATH-1525/UG/P) AND Sophomore standing.		GBP, PSSJ

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BIT	2405	Bus Stats Analytics & Model	5f		Please consult catalog as there are many options.		
BIT	2406	Bus Stats Analytics & Model	5a		Please consult catalog as there are many options.		
BIT	4164	Future of Security	1a	CS 4164, PSCI 4164	PSCI-2164/UG/P OR BIT-2164/UG/P OR CS-2164/UG/P		ISDA
BIT	4604	Data Gov, Privacy, Ethics	2		BIT-2405/UG/P OR CMDA-2014/UG/P OR CS-1114/UG/P OR CS-1054/UG/P OR CS-1064/UG/P		DTDC, ISDA
BIT	4854	Analytics in Action	1a	MGT 4854	CMDA-2014/UG/P AND BDS-2005/UG/P		DTDC
BMES	2004	Concussion Perspectives	1a OR 4				ABB
BMES	4015	BME Senior Design and Project	1a		BMES-3034/UG/P and Senior standing.	For Pathways Advanced Discourse credit, must complete both BMES 4015 and BMES 4016.	
BMES	4016	BME Senior Design and Project	1a		BMES-4015/UG/P	For Pathways Advanced Discourse credit, must complete both BMES 4015 and BMES 4016.	
BSE	4554	Creating the Ecological City	3 OR 6a or 6d	FREC 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P AND Senior standing.		ECOC
CAUS	1114	CT+E Play to Make	6a	ART 1114, IDS 1114			
CEE	2804	Introduction to CEE	1a			For Pathways Advanced Discourse credit, must complete combination of CEE 2804, CEE 3304, CEE 4804	

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CEE	3304	Fluid Mech for CEE	1a		ESM-2104/UG/C- AND CEE-2804/UG/C-	For Pathways Advanced Discourse credit, must complete combination of CEE 2804, CEE 3304, CEE 4804	
CEE	3804	Computer Applications for CEE	5a				
CEE	4804	Prof & Legal Issues Civil Eng	1a		CEE-2804/UG/C-	For Pathways Advanced Discourse credit, must complete combination of CEE 2804, CEE 3304, CEE 4804	STL
CEM	2104	Intro to CEM	1a			For Pathways Advanced Discourse credit, must complete combination of CEM 2104, CEM 3084, CEM 4445, and CEM 4446.	
CEM	3074	Global Design and Construction	6d		Junior standing.		
CEM	3084	Construction Economy	1a		CEM-2104/UG/P OR BC-2024/UG/P	For Pathways Advanced Discourse credit, must complete combination of CEM 2104, CEM 3084, CEM 4445, and CEM 4446.	
CEM	4445	CEM Capstone	1a		BC-3064/UG/P and Senior standing.	For Pathways Advanced Discourse credit, must complete combination of CEM 2104, CEM 3084, CEM 4445, and CEM 4446.	

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CEM	4446	CEM Capstone	1a		CEM-3084/UG/P AND CEM-4445/UG/P and Senior standing.	For Pathways Advanced Discourse credit, must complete combination of CEM 2104, CEM 3084, CEM 4445, and CEM 4446.	
CHEM	1015	Chemistry in Context	4				MTSC
CHEM	1016	Chemistry in Context	4				MTSC
CHEM	1025	Chemistry in Context Lab	4				
CHEM	1026	Chemistry in Context Lab	4				
CHEM	1035	General Chemistry	4			Co: MATH 1025 or MATH 1225.	
CHEM	1036	General Chemistry	4		CHEM-1035/UG/P OR CHEM-1055/UG/P OR CHEM-1055H/UG/P	Co: MATH 1025 or MATH 1225.	
CHEM	1045	General Chemistry Laboratory	4				
CHEM	1046	General Chemistry Laboratory	4				
CHEM	3054	Postconsumer Materials	4				MTSC
CHN	2734	Chinese Culture and Civ	2			Taught in English.	
CINE	2054	Introduction to Cinema	2				
CINE	4144	Topics in Cinema Studies	7			May be repeated 2 times with different content for a maximum of 9 credits.	
CLA	1134	Ancient Mediterranean World	2	RLCL 1134			
CLA	2224	Ancient Greek and Roman Women	2	HIST 2224			
CLA	2234	Classics in the Modern World	2	HIST 2234			
CLA	2434	Fairytales, Folklore, and Magic	2			In English.	
CLA	2444	Greek and Roman Myth	2	ENGL 2444, RLCL 2444		In English.	

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CLA	2464	Myth, Philosophy, Video Games	2				
CMDA	2014	Data Matter	5a		MATH-1014/UG/P	Some programming skills recommended, but not required. Some prior use of data recommended, but not required.	DTDC
CMDA	4864	Comp Mod Data Analyt Capstone	5a		CMDA-3605/UG/P AND CMDA-3634/UG/P OR CS-3634/UG/P AND CMDA-3654/UG/P OR CS-3654/UG/P OR STAT-3654/UG/P		
CMDA	2984E	Special Study	5a				
CMST	2064	The Rhetorical Tradition	2				
CMST	2134	Intro to Health Communication	3	ADV 2134			ABB
CMST	3214	Professional Communication	1a		COMM-1016/UG/P OR COMM-2004/UG/P		SCOM
COMM	1014	Introduction to Communication	3				
COMM	1015	Communication Skills	1f				SCOM
COMM	1016	Communication Skills	1f		COMM-1015/UG/P		SCOM
COMM	2004	Public Speaking	1a		Sophomore standing.		BOLD, SCOM
COMM	2084	Media and Society	3				BOLD
COMM	2094	Comm & Issues of Diversity	7		COMM-1016/UG/P OR ENGL-1106/UG/P		
COMM	2754H	Topics in Tech Innovation	1f AND 7		COMM-1016/UG/P OR ENGL-1105/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	
COMM	2764H	Topics in Tech Innovation	1a		COMM-2754H/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	
CONS	2304	Consumer and Family Finances	5f				

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CRIM	2504	Crime & Punishment Amer Hist	2 AND 7	HIST 2504			
CRIM	3124	Murder in American History	2 AND 7	HIST 3124			
CRIM	4474	Cyber Criminology	3		CRIM-3414/UG/P OR SOC-3414/UG/P AND Junior standing.		ISDA, PSSJ
CS	1014	Intro Computational Thinking	5f				DTDC, ISDA
CS	1064	Intro to Programming in Python	5f				ISDA
CS	2114	Softw Des & Data Structures	6d		CS-1114/UG/C		
CS	2164	Foundations Security Environ	3 OR 5f	BIT 2164, PSCI 2164			ISDA
CS	2984E	Special Study	5a				
CS	3114	Data Structures and Algorithms	5a		CS-2114/UG/C AND CS-2505/UG/C AND (MATH-2534/UG/P OR MATH-3034/UG/P)		
CS	4164	Future of Security	1a	BIT 4164, PSCI 4164	PSCI-2164/UG/P OR BIT-2164/UG/P OR CS-2164/UG/P		ISDA
CSES	2244	Ag Global Food Sec and Health	4				GFSH
DANC	2004	Anatomy for Performers	6a AND 7				
DANC	2014	Introduction to Dance History	6a AND 7				
DANC	2024	Intro to Dance Techniques	6a			May be repeated once with different content for a maximum of 6 credits.	
DANC	2104	Moving Body, Moving Mind	6a	HNFE 2104			
DANC	3024	Int/Adv Dance Techniques	6a		DANC-2024/UG/P	May be repeated 3 times with different content for a maximum of 9 credits.	

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ECE	4805	Senior Design Project	1a		ECE-2804/UG/C	For Pathways Advanced Discourse credit, must complete both ECE 4805 and ECE 4806.	
ECE	4806	Senior Design Project	1a		ECE-4805/UG/C-	For Pathways Advanced Discourse credit, must complete both ECE 4805 and ECE 4806.	
ECON	1104	Economics of Gender	3 AND 7				
ECON	1204	Economics of Race	3 AND 7			Does not count toward ECON major.	
ECON	1214	Econ Hist: Diversity&Inclusion	3 AND 7				
ECON	2005	Principles of Economics	3				GBP, GFSSH, PPE
ECON	2006	Principles of Economics	3		ECON-2005/UG/P		GBP, GFSSH, PPE
ECON	2894	Intro Philosophy Politics Econ	2 OR 3	PHIL 2894, PSCI 2894			PPE
ECON	3034	Poverty and Discrimination	3 AND 7		ECON-2005/UG/P		GBP
ECON	3054	Introduction to Forecasting	5a		STAT-3005/UG/P OR BIT- 2405/UG/P		
ECON	3134	Choice and Behavior	3	BDS 3134	ECON-2005/UG/P		
ECON	4884	Adv Philosophy Politics Econ	1a OR 2	PHIL 4884, PSCI 4884	PHIL-2894/UG/P OR PSCI- 2894/UG/P OR ECON- 2894/UG/P AND Senior standing.		PPE
EDCI	2614	The Reading Mind	3				
EDCI	2674	Language, Culture, & Learning	3 AND 7				
EDCI	3024	Issues of Schooling in the US	3 AND 7				
EDCI	3144	Educ Excptnl Learners	3	HD 3144			DSST
EDCI	3954G	Study Abroad	7				
EDCI	4244	Curr & Instr Middle Math 4-8	5a		MATH-1614/UG/P AND MATH-1624/UG/P AND EDCI-3244/UG/P		

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EDCO	2004	Healthy Relationships	3 AND 7				ABB
EDEP	2444	Motivating Yourself and Others	3				ABB
ENGE	1215	Foundations of Engineering	6d				PPE
ENGE	1216	Foundations of Engineering	6d		ENGE-1215/UG/C-		PPE
ENGE	1414	Foundations of Engr Practice	6d				
ENGE	1644	Global STEM Practice	3				INNO
ENGE	2094	Create!: Ideation & Innovation	6d				INNO
ENGE	4094	Startup: Commercialization	3	IDS 4094, MGT 4094			INNO
ENGE	4104	Applied Exploration Innovation	5a OR 6d		STS-2254/UG/P AND ENGE-2094/UG/P AND (MGT-4094/UG/P OR ENGE-4094/UG/P OR IDS-4094/UG/P) AND 3 credits of foundational quantitative and computational thinking.		
ENGL	1105	First-Year Writing	1f				
ENGL	1106	First-Year Writing	1f		ENGL-1105/UG/P		
ENGL	1504	Introduction to Linguistics	3				LNGS
ENGL	1514	Language and Society	3 AND 7				LNGS
ENGL	1604	Introduction to Poetry	2				
ENGL	1614	Introduction to Short Fiction	2				
ENGL	1624	Intro to Detective Fiction	2				
ENGL	1634	Introduction to Shakespeare	2				
ENGL	1644	Intro to World Literature	2				
ENGL	1654	Intro to Science Fiction	2				INNO

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ENGL	1664	Intro to Women's Literature	2				
ENGL	1704	The Harry Potter Phenomenon	2				
ENGL	2034	Analyzing Sounds of Language	5f		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		LNGS
ENGL	2444	Greek and Roman Myth	2	CLA 2444, RLCL 2444		In English.	
ENGL	2634	Writing and Social Justice	1a AND 7		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, PSSJ
ENGL	2644	Intro African-American Lit	2 AND 7	AFST 2644	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
ENGL	2744	Intro to Creative Writing	1a OR 6a or 6d		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
ENGL	3024	Religion and Literature	1a OR 2	RLCL 3024			
ENGL	3134	Gender and Linguistics	1a	WGS 3134	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		LNGS
ENGL	3144	Language & Ethnicity in the US	1a OR 3	RLCL 3144, SOC 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
ENGL	3424	Topics Rus Lit in Eng	2	RUS 3424	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	May be repeated once with different content for a maximum of 6 credits. Readings and lectures in English. No knowledge of Russian required.	
ENGL	3434	The Works of Vladimir Nabokov	2	RUS 3434	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	Taught in English.	

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ENGL	3534	Literature and the Environment	1a OR 2		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		BLPL, ECOC
ENGL	3694	Topics in World Novels	1a OR 2		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
ENGL	3764	Technical Writing	1a		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P AND Junior standing.		
ENGL	3844	Writing and Digital Media	1a		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		INNO
ENGL	4074	Syntax	5a		ENGL-1504/UG/P		LNGS
ENGL	4144	Phonology	5a		ENGL-1504/UG/P		LNGS
ENGL	4164	Studies in Shakespeare	1a OR 2		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	May be repeated twice with different content for a maximum of nine credit hours.	
ENSC	1015	Found Environmental Sci	4				BLPL, CAFS, PSUS
ENSC	1016	Found Environmental Sci	4				BLPL, CAFS, PSUS
ENT	2004	Insects and Human Society	4				
ENT	2804	Bees: Biol, Diversity, Sustain	4				
ESM	4015	Creative Design and Project	1a		ESM-3114/UG/P and Senior standing.	For Pathways Advanced Discourse credit, must complete both ESM 4015 and ESM 4016.	
ESM	4016	Creative Design and Project	1a		ESM-4015/UG/P and Senior standing.	For Pathways Advanced Discourse credit, must complete both ESM 4015 and ESM 4016.	
FA	2004	Creativity & the Artistic Exp	6a				BOLD

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FIN	2114	Invest & Financial Literacy	5f				
FIN	4014	Cyberlaw and Policy	3		Junior standing.		ISDA
FIW	2114	Prin Fish and Wildl	4				BIOD, PPE
FIW	2234	Fish, Fishing, & Conservation	3 OR 4				BIOD
FIW	4114	Biodiversity Conservation	3 OR 4		FIW-2114/UG/P	Cannot be taken for credit by Wildlife Conservation (WLC) majors.	BIOD
FMD	2224	Fashion Presentation Technique	6d		AHRM-1014/UG/P		
FR	2714	French Culture & Civ	2 OR 3			Taught in English.	
FR	3105	Gram/Composition/Conversation	1f		FR-2106/UG/P OR FR-2164/UG/P	Conducted in French.	
FR	3106	Gram/Composition/Conversation	1f		FR-2106/UG/P OR FR-2164/UG/P	Conducted in French.	
FR	3314	Intro to Francophone Studies	2		FR-3105/UG/P AND FR-3106/UG/P AND FR-3304/UG/P		
FR	3424	Medieval-Renaissance Culture	2		FR-3304/UG/P	Taught in French.	
FR	3434	Baroque-Revolution Culture	2		FR-3304/UG/P	Taught in French.	
FR	3444	Romantic-Belle Epoqué Culture	2		FR-3304/UG/P	Taught in French.	
FR	3454	WWI-Contemporary Culture	2		FR-3304/UG/P	Taught in French.	
FREC	1004	Digital Planet	5f	GEOG 1084			BIOD, DTDC
FREC	2004	Forest Ecosystems	4				BLPL, ECOC, PPE
FREC	2114	Ecology of Appalachian Forests	4				APCE, BLPL, ECOC
FREC	2124	Forests, Society & Climate	3 OR 4				GFSH, PPE
FREC	2134	Plants & Greenspaces Urban Com	4	HORT 2134			CAFS, ECOC, PSUS
FREC	2554	Leading Global Sustainability	2 OR 3	LAR 2554, NR 2554			APCE, BLPL, CSE, PPE

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
FREC	3004	Environmental Informatics	5a		Sophomore standing.		BLPL, DTDC
FREC	3214	Forest Biometrics	5a		FREC-2214/UG/P AND (MATH-1026/UG/P OR MATH-1226/UG/P)		
FREC	3364	Environmental Silviculture	6d		FREC-2324/UG/P		BIOD
FREC	3524	Environmental Interpretation	1a		Junior standing.		
FREC	3734	Forest Fiber Supply	1a		Junior standing.		
FREC	4174	Climate Chng & Intl Policy	1a OR 3	IS 4174, PSCI 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		
FREC	4354	Forest Soil and Watershed Mgmt	5a		CSES-3114/UG/P OR FREC-2004/UG/P OR ENSC-3114/UG/P OR GEOS-3614/UG/P OR CSES-3134/UG/P OR ENSC-3134/UG/P		BLPL, ECOC
FREC	4444	Integ Forest Mgt Practicum	6d		Senior standing.		
FREC	4454	Urban and Community Forestry	1a		Junior standing.		ECOC, PPE
FREC	4464	Water Resources Policy & Econ	3 AND 7	AAEC 4464, WATR 4464	AAEC-1005/UG/P		BLPL
FREC	4554	Creating the Ecological City	3 OR 6a or 6d	BSE 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P AND Senior standing.		ECOC
GEOG	1004	Intro Human Geography	3				
GEOG	1014	World Regions	3				PSSJ
GEOG	1084	Digital Planet	5f	FREC 1004			BIOD, DTDC
GEOG	1115	Seeking Sustainability	3	NR 1115			APCE, BLPL, BOLD, PSUS
GEOG	1116	Seeking Sustainability	3	NR 1116	GEOG-1115/UG/P OR NR-1115/UG/P		APCE, BLPL, BOLD, PSUS
GEOG	1524	Intro Earth's Climate	4				

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
GEOG	2004	Water, Environment & Society	3	WATR 2004			BLPL, ISDA
GEOG	2054	Introduction to World Politics	3	IS 2054, PSCI 2054			ISDA, PSSJ, PPE, STL, VAS
GEOG	2064	Global Econ and World Politics	3	IS 2064, PSCI 2064			GBP, PPE, STL
GEOG	2244	Sustainable Urbanization	3	SPIA 2244			ECOC, GBP, PPE
GEOG	3104	Environ Prob Pop Dev	3				BIOD, BLPL, GFSH, ISDA, PPE
GEOG	3274	Polar Environments	1a		Sophomore standing.		
GEOG	3314	Cartography	6d				
GEOG	4074	Medical Geography	3		Junior Standing.		
GEOS	1004	Introduction to Earth Science	4				
GEOS	1014	Evolution of Earth-Life System	4				
GEOS	1024	Earth Resources, Soc, & Env	4				BLPL, MTSC, PSUS
GEOS	1034	Earth's Natural Hazards	4				ISDA, PSSJ
GEOS	1054	Age of Dinosaurs	4				
GEOS	1064	Climate History	4				
GEOS	1104	Intro to Earth Sciences Lab	4				
GEOS	1124	Earth Res, Society & Env Lab	4				
GEOS	2014	Mission to the Planets	4				
GEOS	4024	Senior Seminar	1a		GEOS-2004/UG/P AND GEOS-2024/UG/P AND GEOS-2444/UG/P AND GEOS-3204/UG/P AND GEOS-3404/UG/P AND GEOS-3504/UG/P		
GER	2724	German Culture & Civ	2 OR 3			Taught in English.	
GER	3105	Gram/Comp/Conv	1f		GER-2106/UG/P OR GER-2114/UG/P	Taught in German.	
GER	3106	Gram/Comp/Conv	1f		GER-3105/UG/P	Taught in German.	

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
GER	3305	Survey of German Literature	2		(GER-3105/UG/P AND GER-3106/UG/P) OR (GER-3105/UG/P AND GER-3204/UG/P) OR (GER-3105/UG/P AND GER-3306/UG/P) OR (GER-3106/UG/P AND GER-3204/UG/P) OR (GER-3106/UG/P AND GER-3306/UG/P)	Taught in German.	
GER	3306	Survey of German Literature	2		GER-3105/UG/P OR GER-3106/UG/P	Taught in German.	
GER	3474	Topics in German Cinema	2 OR 6a			Taught in English. Variable content. May be taken twice for credit with different content.	
HD	1004	Human Development I	3				ABB, DSST
HD	1134	Intro to Disabilities Studies	2 AND 7				DSST
HD	2004	HD II: Adulthood & Aging	3				ABB
HD	2014	Integrative Health Practices	3 AND 7				ABB, PSSJ
HD	2104	Quantitative Community Researc	5f	SOC 2104			DTDC, ISDA, PSSJ
HD	2314	Human Sexuality	3				
HD	3024	Community Analytics	5a		Sophomore standing.		CSE, ISDA, PSSJ
HD	3144	Educ Excptnl Learners	3	EDCI 3144			DSST
HD	3954C	Study Abroad	3				
HD	3954G	Study Abroad	7				
HIST	1014	Topics in Reacting to the Past	2			May be repeated one time with different content for a maximum of six credits.	
HIST	1024	Ancient History	2				
HIST	1025	Intro to European History	2 OR 3				
HIST	1026	Intro to European History	2 OR 3				

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HIST	1115	History of the United States	2 AND 7				
HIST	1116	History of the United States	2 AND 7				
HIST	1215	Intro to World History	2 OR 3				
HIST	1216	Intro to World History	2 OR 3				
HIST	1224	Conquest Culture in Lat Am Emp	3				
HIST	1354	Conflict Security in East Asia	2 OR 3				ISDA, PSSJ
HIST	1515	History of Africa	2 OR 3				
HIST	1516	History of Africa	2 OR 3				
HIST	1764	History of Rock 'n' Roll	3 AND 7				
HIST	2054	Engineering Cultures	2 OR 3	STS 2054			
HIST	2104	Topics in US History	2 AND 7			Course may be repeated twice for a maximum of 9 credits.	
HIST	2114	Topics Crit Issues Euro Hist	2			Course may be repeated twice for a maximum of 9 credits.	
HIST	2124	Topics Crit Issues World Hist	2			May be repeated two times with different content for a maximum of 9 credit hours.	
HIST	2224	Ancient Greek and Roman Women	2	CLA 2224			
HIST	2234	Classics in the Modern World	2	CLA 2234			
HIST	2264	America in the 1960s	2 AND 7				
HIST	2275	African-American History	2 AND 7	AFST 2275			
HIST	2276	African-American History	2 AND 7	AFST 2276			
HIST	2374	Gods and Kings in India	2	RLCL 2374			
HIST	2384	Gandhi and Modern India	2	RLCL 2384			
HIST	2484	Modern Germany	3				
HIST	2504	Crime & Punishment Amer Hist	2 AND 7	CRIM 2504			

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HIST	2604	Intro Data in Social Context	2 OR 5f	SOC 2604, STS 2604			DTDC, ISDA, BOLD, PSSJ
HIST	2624	Topics Hist Data Soc Context	1a OR 2			May be repeated once for up to 6 hours of credit.	
HIST	2715	History of Technology	3	STS 2715			INNO, ISDA
HIST	2716	History of Technology	3	STS 2716			INNO, ISDA
HIST	3054	The American Civil War	1a OR 2				PSSJ
HIST	3114	History of Capitalism	2 OR 3				BOLD, PSSJ
HIST	3124	Murder in American History	2 AND 7	CRIM 3124			
HIST	3144	American Environmental History	2 OR 3				BIOD, BLPL, CAFS, ECOC, PSUS
HIST	3164	Sexuality in American History	2 AND 7				
HIST	3174	Native American History	2 AND 7	AINS 3174			
HIST	3304	World of Alexander the Great	2 OR 3				
HIST	3354	Reform & Rev Early Mod England	2				
HIST	3374	French Empire	2 OR 3				
HIST	3544	World War II	2 OR 3				PSSJ
HIST	3554	Age of Globalization	2 OR 3				BOLD
HIST	3564	The Cold War	2 OR 3				PSSJ
HIST	3654	Arab-Israeli Conflict	2				PSSJ
HIST	3714	War and Medicine	1a OR 2				ABB, ISDA
HIST	3724	Disease, Med, & Health	3 AND 7				ABB
HIST	3864	Development and Hum in Africa	2 OR 3	AFST 3864, IS 3864			PSSJ
HNFE	2104	Moving Body, Moving Mind	6a	DANC 2104			
HNFE	2314	Active Transp for Health	3	SPIA 2314			ECOC
HNFE	2664	Behav Theory in Hlth Promotion	3				ABB
HORT	2134	Plants & Greenspaces Urban Com	4	FREC 2134			CAFS, ECOC, PSUS
HORT	2164	Floral Design	6a or 6d				BOLD

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HORT	2184	Plants Places Culture Globally	3				CAFS, GFSH
HORT	4554	Creating the Ecological City	3 OR 6a or 6d	BSE 4554, FREC 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P AND Senior standing.		ECOC
HTM	2454	Travel & Tourism Management	3				CAFS, EEMG, VAS
HTM	3424	Event Management	6d		Sophomore standing.		EEMG
HTM	3484	Socio-Cult Impacts of Tourism	2 OR 3				APCE, EEMG, GBP, VAS
HTM	4354	IT & Social Media in HTM	5a		Sophomore standing.		EEMG
HTM	4434	Event & Exp Wksp	7		Senior standing.		EEMG
HUM	1324	HUM: Mod World	2				
HUM	1604	Intro Hum and Arts	6a				
HUM	1704	Intro to Appalachian Studies	2 AND 7	APS 1704			APCE
HUM	2204	The Creative Process	6a				
HUM	2404	Folk Cultures in Appalachia	6d AND 7	APS 2404			APCE
HUM	2504	Intro Amer Studies	1a OR 2	RLCL 2504			
HUM	3034	Theories of Popular Culture	1a AND 7	RLCL 3034			
HUM	3204	Multicultural Communication	3	RLCL 3204			APCE, EEMG, GBP, LNGS, BOLD, PSSJ, VAS
HUM	4414	Issues in Appalachian Studies	1a	APS 4414	HUM-1704/UG/P OR APS-1704/UG/P		APCE
HUM	3034H	Theories of Popular Culture	1a AND 7	RLCL 3034H			
IDS	1114	CT+E Play to Make	6a	ART 1114, CAUS 1114			
IDS	2114	History of Industrial Design	6a				
IDS	2124	History Modern Designers	6d				
IDS	4094	Startup: Commercialization	3	ENGE 4094, MGT 4094			INNO
IS	1004	Nations and Nationalities	3 AND 7	PSCI 1004			

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
IS	2054	Introduction to World Politics	3	GEOG 2054, PSCI 2054			ISDA, PSSJ, PPE, STL, VAS
IS	2064	Global Econ and World Politics	3	GEOG 2064, PSCI 2064			GBP, PPE, STL
IS	2484	Religion and Politics	2 AND 7	PSCI 2484, RLCL 2484			
IS	3864	Development and Hum in Africa	2 OR 3	AFST 3864, HIST 3864			PSSJ
IS	4174	Climate Chng & Intl Policy	1a OR 3	FREC 4174, PSCI 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		
ISC	1005	Integrated Sci Reasoning	4				
ISC	1006	Integrated Sci Reasoning	4				
ISC	1105	Integrated Science I	4 OR 5f				
ISC	1106	Integrated Science I	4 OR 5f		ISC-1105/UG/P		
ISC	1115	Integrated Science Lab I	4				
ISC	1116	Integrated Sceince Lab I	4		ISC-1115/UG/P		
ISC	1106H	Integrated Science I	4 OR 5f		ISC-1105/UG/P		
ISE	3034	Tech Comm for Engineers	1a		ENGL-1106/UG/P		
ITAL	3305	Intro to Ital Lit in Context	1a OR 2		ITAL-3105/UG/P OR ITAL-3106/UG/P	Taught in Italian.	
ITAL	3306	Intro to Ital Lit in Context	1a OR 2		ITAL-3105/UG/P OR ITAL-3106/UG/P	Taught in Italian.	
ITAL	3474	Topics in Italian Cinema	1a OR 2			Taught in English. May be repeated, with different content, for a maximum of 6 credit hours.	
ITDS	1114	Design Appreciation	6a or 6d				EEMG, BOLD, PSUS
ITDS	1224	Intro to Interior Design	6d				
ITDS	3114	Sustainable Design & Biophilia	6d				
JMC	2074	Introduction to Sports Media	3				
JMC	3154	Multimedia Reporting	1a		COMM-2024/UG/P AND COMM-2034/UG/P		
JUD	2134	Judaism	2	RLCL 2134			

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
JUD	2414	Hebrew Bible/Old Testament	2	RLCL 2414			
LAR	1254	Environment & Natural Systems	4 OR 5f				APCE, BLPL, ECOC
LAR	1264	Understand Represent Landscape	6a OR 6d				APCE
LAR	2154	Landscape Architecture History	6d				
LAR	2554	Leading Global Sustainability	2 OR 3	FREC 2554, NR 2554			APCE, BLPL, CSE, PPE
LAR	3044	Land Analysis & Site Planning	5a				
LAR	3264	People Community and Place	3		Junior Standing.		
LAR	4034	Evol of the Am Land	1a OR 2				APCE, ECOC
LAR	4084	Land Design & Planning Studio	6d		LAR-4014/UG/P		ECOC
LAR	4154	Design Built Environment	6a or 6d				
LAR	4554	Creating the Ecological City	3 OR 6a or 6d	BSE 4554, FREC 4554, HORT 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P AND Senior standing.		ECOC
MATH	1014	Precalc with Transcendental	5f		Two units of high school algebra and one of plane geometry are required.		
MATH	1025	Elementary Calculus	5f				BLPL
MATH	1026	Elementary Calculus	5f		MATH-1025/UG/P OR MATH-1225/UG/P		BLPL
MATH	1225	Calculus of a Single Variable	5f				
MATH	1226	Calculus of a Single Variable	5f		MATH-1225/UG/C-		
MATH	1524	Business Calculus	5f		Assumes 2 units of high school algebra and 1 unit of geometry.		

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
MATH	1535	Geometry Mathematics of Design	5f		Assumes 2 units of high school algebra and 1 unit of high school geometry.		
MATH	1536	Geometry Mathematics of Design	5f		Assumes 2 units of high school algebra and 1 unit of high school geometry.		
MATH	2214	Intro Diff Equations	5a		MATH-1114/UG/P OR MATH-2114/UG/P OR MATH-2114H/UG/P OR MATH-2405H/UG/P AND MATH-1226/UG/P		
MATH	2214H	Intro Diff Equations	5a		MATH-1114/UG/P OR MATH-2114/UG/P OR MATH-2114H/UG/P OR MATH-2405H/UG/P AND MATH-1226/UG/P		
ME	3024	Engineering Design & Econ	1a		ME-2004/UG/P AND MSE-2034/UG/P AND ESM-2204/UG/P AND ENGL-1106/UG/P	For Pathways Advanced Discourse credit, must complete combination of ME 3024, ME 3034, and ME 4015-4016.	
ME	3034	Mech Engng Discourse	1a		ME-3024/UG/P	For Pathways Advanced Discourse credit, must complete combination of ME 3024, ME 3034, and ME 4015-4016.	
ME	4015	Engineering Design and Project	1a		ME-3024/UG/P AND ME-3034/UG/P AND ME-3304/UG/P AND ME-3524/UG/P AND ME-3534/UG/P AND ME-3624/UG/P AND ME-4005/UG/P	For Pathways Advanced Discourse credit, must complete combination of ME 3024, ME 3034, and ME 4015-4016.	

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ME	4016	Engineering Design and Project	1a		ME-4015/UG/P	For Pathways Advanced Discourse credit, must complete combination of ME 3024, ME 3034, and ME 4015-4016.	
MGT	2064	Foundations Entrepreneurship	3 OR 6d				
MGT	2204	Global Business of Pop Culture	2 AND 7				
MGT	2354	Leadership: Mgr & Entrepreneur	3		Sophomore Standing.		BOLD
MGT	2404	Multicultural Prob Analytics	5f	BIT 2404	MATH-1025/UG/P AND (MATH-1225/UG/P OR MATH-1525/UG/P) AND Sophomore standing.		GBP, PSSJ
MGT	2984G	Special Study	7				
MGT	3444	Multi Diversity in Orgs	3 AND 7		Junior Standing.		GBP, BOLD, PSUS, PPE
MGT	4094	Startup: Commercialization	3	ENGE 4094, IDS 4094			INNO
MGT	4324	Bus and Prof Ethics	2	PHIL 4324			BOLD, PPE
MGT	4334	Ethical Leadership	1a AND 7		MGT-2354/UG/P OR MGT-3304/UG/P OR MGT-3404/UG/P		GBP, BOLD, PPE
MGT	4854	Analytics in Action	1a	BIT 4854	CMDA-2014/UG/P AND BDS-2005/UG/P		DTDC
MINE	2114	Energy and Raw Materials	4				APCE, MTSC
MN	4005	Leadership & Mgt/Ethics	3		Sophomore Standing.		BOLD
MN	4006	Leadership & Mgt/Ethics	3		Sophomore Standing.		BOLD
MSE	1014	Mat Science Everyday Life	4				MTSC
MSE	2984D	Special Study	4				
MUS	1104	Music Appreciation	6a				
MUS	1114	Listening in the Digital Age	6a				
MUS	2115	Survey of Western Music	2 OR 6a				
MUS	2116	Survey of Western Music	2 OR 6a				

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
MUS	2124	Music Traditions in Appalachia	6a or 6d	APS 2124			APCE
MUS	3164	History of Electronic Music	2				
MUS	3314	Instrumental Ensemble Music	6a			May be repeated for a combined maximum of 8 hours. Consent and audition required.	BOLD
MUS	3414	Choral Ensemble Music	6a			May be repeated for a combined maximum of 8 hours. Consent and audition required.	BOLD
MUS	3164H	History of Electronic Music	2				
NEUR	2464	Neuroscience and Society	4				ABB
NR	1115	Seeking Sustainability	3	GEOG 1115			BOLD, PSUS
NR	1116	Seeking Sustainability	3	GEOG 1116	NR-1115/UG/P OR GEOG-1115/UG/P		BOLD, PSUS
NR	2554	Leading Global Sustainability	2 OR 3	FREC 2554, LAR 2554			APCE, BLPL, CSE, PPE
PHIL	1204	Knowledge and Reality	2				
PHIL	1304	Morality and Justice	2				MTSC, PPE, STL
PHIL	2115	Ancient/Medieval Philosophy	2				
PHIL	2116	Ancient/Medieval Philosophy	2				
PHIL	2125	History of Modern Philosophy	2				
PHIL	2126	History of Modern Philosophy	2				
PHIL	2304	Global Ethics	2				ISDA, BOLD, PPE, STL
PHIL	2894	Intro Philosophy Politics Econ	2 OR 3	ECON 2894, PSCI 2894			PPE
PHIL	3015	Political Theory	2	PSCI 3015	PSCI-2014/UG/P		PPE
PHIL	3016	Political Theory	2	PSCI 3016	PSCI-2014/UG/P		PPE

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PHIL	3024	Topics Philosophical Movements	2			May be repeated 2 times with different content for a maximum of 9 credits.	
PHIL	3314	Ethical Theory	2		3 Philosophy credits required.		PSSJ, PPE
PHIL	3334	Ethics & Artific Intell	2				
PHIL	3414	Aesthetics	2				
PHIL	3454	Philosophy of Religion	2	RLCL 3454			
PHIL	4304	Political Philosophy	2		3 Philosophy credits required.		PPE
PHIL	4324	Bus and Prof Ethics	2	MGT 4324			BOLD, PPE
PHIL	4334	Jurisprudence	2		3 Philosophy credits required.		PSSJ, PPE
PHIL	4884	Adv Philosophy Politics Econ	1a OR 2	ECON 4884, PSCI 4884	PHIL-2894/UG/P OR PSCI-2894/UG/P OR ECON-2894/UG/P AND Senior standing.		PPE
PHIL	1304H	Morality and Justice	2				
PHYS	1055	Introduction to Astronomy	4				
PHYS	1056	Introduction to Astronomy	4				
PHYS	2074	Contemporary Physics	4				
PHYS	2205	General Physics	4		MATH-1016/UG/P OR MATH-1016H/UG/P OR MATH-1025/UG/P OR MATH-2015/UG/P OR MATH-1026/UG/P OR MATH-1205/UG/P OR MATH-1205H/UG/P OR MATH-1525/UG/P OR MATH-1535/UG/P OR MATH-1225/UG/P OR MATH-1225H/UG/P OR MATH-1225H/UG/P		

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PHYS	2206	General Physics	4		PHYS-2305/UG/P OR PHYS-2205/UG/P		
PHYS	2215	General Physics Laboratory	4			Should be taken concurrently and in phase with lecture sequence, 2205-2206.	
PHYS	2216	General Physics Laboratory	4		PHYS-2215/UG/P OR PHYS-2305/UG/P	Should be taken concurrently and in phase with lecture sequence, 2205-2206. II	
PHYS	2305	Foundations of Physics	4		(MATH-1205/UG/P OR MATH-1205H/UG/P OR MATH-1225/UG/P) OR (MATH-1206/UG/P OR MATH-1206H/UG/P OR MATH-1226/UG/P)	Co: 2325 or (MATH 1206 or MATH 1206H or MATH 1226) for 2305. Pre: (MATH 1205 or MATH 1205H or MATH 1225) or (MATH 1206 or MATH 1206H or MATH 1226) for 2305; (MATH 1206 or MATH 1206H or MATH 1226), 2305 for 2306. (3H,3L,4C)	
PHYS	2306	Foundations of Physics	4		(MATH-1206/UG/P OR MATH-1206H/UG/P OR MATH-1226/UG/P) AND PHYS-2305/UG/P	Co: 2325 or (MATH 1206 or MATH 1206H or MATH 1226) for 2305. Pre: (MATH 1205 or MATH 1205H or MATH 1225) or (MATH 1206 or MATH 1206H or MATH 1226) for 2305; (MATH 1206 or MATH 1206H or MATH 1226), 2305 for 2306. (3H,3L,4C)	
PM	4744	Housing Challenges & Policies	3 AND 7				
PPWS	2004	Mysterious Mushrooms & Molds	4				

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PPWS	2754	Weeds That Shape Our World	4				
PR	2044	Principles of Public Relations	3				EEMG, SCOM
PR	3144	Writing and Editing for PR	1a		COMM-2024/UG/P		
PSCI	1004	Nations and Nationalities	3 AND 7	IS 1004			
PSCI	1014	US Gov & Politics	3 AND 7				STL
PSCI	1024	Comp Gov & Politics	3	IS 1024			STL, VAS
PSCI	2054	Introduction to World Politics	3	GEOG 2054, IS 2054			ISDA, PSSJ, PPE, STL, VAS
PSCI	2064	Global Econ and World Politics	3	GEOG 2064, IS 2064			GBP, PPE, STL
PSCI	2164	Foundations Security Environ	3 OR 5f	BIT 2164, CS 2164			ISDA
PSCI	2484	Religion and Politics	2 AND 7	IS 2484, RLCL 2484			
PSCI	2894	Intro Philosophy Politics Econ	2 OR 3	ECON 2894, PHIL 2894			PPE
PSCI	3015	Political Theory	2	PHIL 3015			PPE
PSCI	3016	Political Theory	2	PHIL 3016			PPE
PSCI	4164	Future of Security	1a	BIT 4164, CS 4164	PSCI-2164/UG/P OR BIT-2164/UG/P OR CS-2164/UG/P		ISDA
PSCI	4174	Climate Chng & Intl Policy	1a OR 3	FREC 4174, IS 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		
PSCI	4884	Adv Philosophy Politics Econ	1a OR 2	ECON 4884, PHIL 4884	PHIL-2894/UG/P OR PSCI-2894/UG/P OR ECON-2894/UG/P AND Senior standing.		PPE
PSVP	2044	Peace and Violence	3				ISDA, PSSJ
PSYC	1004	Introductory Psychology	3				ABB
PSYC	2034	Developmental Psychology	3		PSYC-1004/UG/P		ABB
PSYC	2044	Psychology of Learning	3		PSYC-1004/UG/P		ABB, EEMG
PSYC	2064	Intro Neuroscience of Behavior	4		PSYC-1004/UG/P		ABB

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PSYC	2084	Social Psychology	3		PSYC-1004/UG/P		
PSYC	3014	Abnormal Psychology	3		PSYC-1004/UG/P		ABB, DSST
PSYC	3024	Human Behaviors Nat Environ	3 AND 7		PSYC-1004/UG/P		ABB
PSYC	4194	Predicting Social Behavior	5a	BDS 4194	(PSYC-1094/UG/P OR ECON-3254/UG/P) AND (BIT-2405/UG/P OR STAT-2004/UG/P OR STAT-3604/UG/P OR STAT-3005/UG/P OR STAT-3615/UG/P)		
REAL	2034	Real Estate Data Analysis	5f		UAP-2004/UG/P OR REAL-2004/UG/P AND REAL-2014/UG/P OR REAL-1014/UG/P		
RED	2604	Residential Design	6d				
RED	2654	Residential Environments	6d		AHRM-1014/UG/P		
RED	4604	Environ & Sustain Housing	3 AND 7				ECOC
RED	4664	Universal Design	6d				DSST, INNO
RED	4604H	Environ & Sustain Housing	3 AND 7				
RLCL	1004	Intro to Religion & Culture	2 OR 3				VAS
RLCL	1024	Judaism, Christianity, Islam	2				
RLCL	1034	Religion and the Modern World	2				
RLCL	1044	Religious Ethics	2				
RLCL	1134	Ancient Mediterranean World	2	CLA 1134			
RLCL	1214	The Medieval World	2				
RLCL	1904	Religion and Culture In Asia	2				
RLCL	2054	Ethnography: Studying Culture	3	SOC 2054			APCE

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
RLCL	2124	Religion in American Life	2 AND 7				
RLCL	2134	Judaism	2	JUD 2134			
RLCL	2204	Race & Gender in Rel & Cult	2 AND 7	AFST 2204, WGS 2204			
RLCL	2324	Islam	2				
RLCL	2374	Gods and Kings in India	2	HIST 2374			
RLCL	2384	Gandhi and Modern India	2	HIST 2384			
RLCL	2414	Hebrew Bible/Old Testament	2	JUD 2414			
RLCL	2424	New Testament	2				
RLCL	2444	Greek and Roman Mythology	2	CLA 2444, ENGL 2444		In English.	
RLCL	2464	Religion and Science	3	STS 2464			
RLCL	2484	Religion and Politics	2 AND 7	IS 2484, PSCI 2484			
RLCL	2504	Intro Amer Studies	1a OR 2	HUM 2504			
RLCL	2514	Asian American Experience	3	SOC 2514			
RLCL	3024	Religion and Literature	1a OR 2	ENGL 3024			
RLCL	3034	Theories of Popular Culture	1a AND 7	HUM 3034			
RLCL	3144	Language & Ethnicity in the US	1a OR 3	ENGL 3144, SOC 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
RLCL	3204	Multicultural Communication	3	HUM 3204			APCE, EEMG, GBP, LNGS, BOLD, PSSJ, VAS
RLCL	3214	Religion and Culture in India	2				
RLCL	3224	Religion in China and Japan	2				
RLCL	3414	Jesus in Earliest Christianity	2				
RLCL	3424	Christian Orthodoxy and Heresy	2				
RLCL	3454	Philosophy of Religion	2	PHIL 3454			
RLCL	1004H	Intro to Religion & Culture	2 OR 3				

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RLCL	1904H	Religion and Culture in Asia	2				
RLCL	3034H	Theories of Popular Culture	1a AND 7	HUM 3034H			
RUS	2734	Intro Rus Culture and Civ	2			Taught in English.	
RUS	3304	Survey 19th Century Rus Lit	2		ENGL-1106/UG/P OR ENGL-1204H/UG/P	Taught in English.	
RUS	3314	Survey 20th Century Rus Lit	2		ENGL-1106/UG/P OR ENGL-1204H/UG/P	Taught in English.	
RUS	3424	Topics Rus Lit in Eng	2	ENGL 3424	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	May be repeated once with different content for a maximum of 6 credits. Readings and lectures in English. No knowledge of Russian required.	
RUS	3434	The Works of Vladimir Nabokov	2	ENGL 3434	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	Taught in English.	
SBIO	2504	Circular Economy Analytics	5a		MATH-1025/UG/P OR MATH-1225/UG/P OR MATH-1524/UG/P OR MATH-1535/UG/P OR MATH-1525/UG/P		
SOC	1004	Introductory Sociology	3 AND 7				VAS
SOC	1014	Intro Social Anthropol	3				
SOC	2004	Social Problems	3 AND 7				PSSJ
SOC	2014	Soc Intimate Relationships	3 AND 7				
SOC	2024	Soc of Race and Ethnicity	3 AND 7				
SOC	2034	Diversity Community Engagement	3 AND 7				APCE, CSE, EEMG, GBP, PSSJ
SOC	2054	Ethnography: Studying Culture	3	RLCL 2054			APCE
SOC	2104	Quantitative Community Researc	5f	HD 2104			DTDC, ISDA, PSSJ
SOC	2304	Individual In Society	3				

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
SOC	2514	Asian American Experience	3	RLCL 2514			
SOC	2604	Intro Data in Social Context	2 OR 5f	HIST 2604, STS 2604			DTDC, ISDA, BOLD, PSSJ
SOC	3144	Language & Ethnicity in the US	1a OR 3	ENGL 3144, RLCL 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
SOC	3314	Social Movements	3 AND 7		SOC-1004/UG/P		PSSJ
SPAN	2744	Topics in Spanish Culture	2			Taught in English. Course may be repeated, with different topics, for a maximum of 6 credits. (3H,3C)	
SPAN	2754	Topics in Spanish Amer Culture	2			Taught in English. Course may be repeated, with different topics, for a maximum of 6 credits.	
SPAN	2764	Intro Latino American Studies	2 OR 3			In English.	APCE
SPAN	2774	Minority Lang & Span Context	2 OR 3			Taught in English. Does not count toward the Spanish major or minor.	LNGS
SPAN	3105	Gram/Composition/Conv	1f		SPAN-2106/UG/P	Not recommended for native speakers of Spanish.	
SPAN	3106	Gram/Composition/Conv	1f		SPAN-3105/UG/P	Not recommended for native speakers of Spanish.	
SPAN	3304	Intro Hispanic Literature	2		SPAN-3106/UG/P	Taught in Spanish.	
SPAN	3404	Early Penin Culture & Lit	2		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3414	Modern Penin Culture & Lit	2		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3444	Early Span-Am Culture & Lit	2		SPAN-3304/UG/P		
SPAN	3464	Mod Mexican/Central Am Cult Lt	2		SPAN-3304/UG/P	Taught in Spanish.	

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
SPAN	3474	Mod Spanish Caribbean Cult Lit	2		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3484	Mod Andean/S Cone Cult Lit	2		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3494	Intro to Hispanic Linguistics	3		SPAN-3304/UG/P		LNGS
SPAN	3514	Span Medical Professions	2 AND 7		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3534	Spanish Business Professions	2 AND 7		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3544	Sounds of Spanish	3		SPAN-3304/UG/P	Taught in Spanish.	LNGS
SPAN	3564	Community through Service	2 AND 7		SPAN-3304/UG/P	Taught in Spanish.	
SPIA	1024	Community Service Learning	3				CSE, GBP
SPIA	2005	Intro to Urban Analytics	5a				DTDC
SPIA	2006	Intro to Urban Analytics	5a				DTDC
SPIA	2024	Community Systems Thinking	3				CSE
SPIA	2104	Urban Analytics for Decisions	5a				DTDC
SPIA	2244	Sustainable Urbanization	3	GEOG 2244			ECOC, GBP, PPE
SPIA	2314	Active Transp for Health	3	HNFE 2314			ECOC
SPIA	2554	Collaborative Policy & Plan	3 AND 7				MTSC
SPIA	4464	Data & Art of Policy and Plans	5a				GBP, MTSC
SPIA	4554	Creating the Ecological City	3 OR 6a or 6d	BSE 4554, FREC 4554, HORT 4554, LAR 4554	HORT-2134/UG/P OR FREC-2134/UG/P AND Senior standing.		ECOC
SPIA	4784	Community Systems Capstone	1a		(SPIA-1024/UG/P OR SOC-2034/UG/P) AND SPIA-2024/UG/P AND 3 credits in Discourse.		CSE
STAT	1014	Data in Our Lives	5f				DTDC

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
STAT	2004	Introductory Statistics	5f		MATH-1014/UG/P OR MATH-1025/UG/P OR MATH-1225/UG/P OR MATH-1524/UG/P OR MATH-1525/UG/P		
STAT	3005	Statistical Methods	5a		MATH-1205/UG/P OR MATH-1225/UG/P	Co: MATH 1206 or MATH 1226 for 3005.	
STAT	3604	Statistics for Social Science	5a		MATH-1014/UG/P OR MATH-1025/UG/P OR MATH-1225/UG/P OR MATH-1524/UG/P OR MATH-1525/UG/P		DTDC
STAT	3615	Biological Statistics	5a		MATH-1205/UG/P OR MATH-1525/UG/P OR MATH-1225/UG/P OR MATH-1025/UG/P OR MATH-1524/UG/P OR ISC- 1105/UG/P		
STL	2304	Foundations of STL	3		ENGL-1106/UG/P OR ENGL- 1204H/UG/P		STL
STL	4314	Current Topics in STL	1a		STL-2304/UG/P OR STL- 4304/UG/P OR STL- 4324/UG/P		STL
STL	4324	Global Aspects of IP	2		Senior standing.		STL
STS	1504	Intro Science, Tech, Society	2 OR 3				STL
STS	2054	Engineering Cultures	2 OR 3	HIST 2054			
STS	2154	The Life Sciences and Society	2				ABB, INNO, STL
STS	2254	Innovation in Context	2				INNO
STS	2444	Global Sci & Tech Policy	2 OR 3				MTSC
STS	2454	Science Tech & Environment	2				BIOD, ISDA, MTSC
STS	2464	Religion and Science	3	RLCL 2464			
STS	2604	Intro Data in Social Context	2 OR 5f	HIST 2604, SOC 2604			DTDC, ISDA, BOLD, PSSJ

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
STS	2715	History of Technology	3	HIST 2715			INNO, ISDA
STS	2716	History of Technology	3	HIST 2716			INNO, ISDA
STS	3104	Sci & Tech in Modern Society	2				
STS	3284	Technology and Disability	2 OR 6d				DSST, INNO
STS	3314	Medical Dilemmas & Human Exper	2				
STS	3334	Energy and Society	2 OR 3				APCE, INNO, MTSC, PSUS, PSSJ
TA	2014	Introduction to Theatre	2 OR 6a				
TA	2024	Introduction to Acting	2 OR 6a				PSUS
TA	2204	Creative Dance	6a or 6d				
TA	2404	Intro App Collaborative Tech	1a OR 6a or 6d				APCE, CSE, BOLD
TA	2984G	Special Study	7				
TA	2984M	Special Study	6a				
TA	3984M	Special Study	6a				
UH	2504	Discourse & Global Citizenship	1a				
UH	2514	QuantComp Think Global Citizen	5a			Course cannot be repeated for credit.	
UH	2524	Nat Sci & Global Citizenship	4				
UH	2534	Desn/Arts & Global Citizenship	6a or 6d				
UH	2544	Soc Sci & Global Citizenship	3				
UH	2554	Humanities&Global Citizenship	2				
UH	2744	Topics Comp Tech Soc Innov	5f		MATH-1014/UG/P	May be repeated 5 times with different content for a maximum of 6 credits.	
UH	2754	Adv Topic Comp Tech Soc Innov	5a		MATH-1225/UG/P OR MATH-1524/UG/P OR MATH-1535/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	

SUBJECT	COURSE	COURSE TITLE	CONCEPT	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
UH	2764	Adv Topic Comp Engr Soc Innov	5a		UH-2744/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	
UH	2814	Soc Sci Tech Innov Soc Impact	3			May be repeated 5 times with different content for a maximum of 6 credits.	
UH	2824	Arts Tech Innov Soc Impact	6a			May be repeated 2 times with different content for a maximum of 3 credits.	
UH	2834	Hum Tech Innov Soc Impact	2			May be repeated 5 times with different content for a maximum of 6 credits.	
UH	2855	Calhoun Trans Fusion Studio	6d				
UH	2856	Calhoun Trans Fusion Studio	6d		UH-2855/UG/P		
UNIV	1824	Pathways to Success Exploring	3				
WATR	2004	Water, Environment & Society	3	GEOG 2004			
WATR	4464	Water Resources Policy & Econ	3 AND 7	AAEC4464, FREC4464	AAEC-1005/UG/P		BLPL
WGS	1824	Intro Women's & Gender Studies	2 OR 3				PSSJ
WGS	2204	Race & Gender in Rel & Cult	2 AND 7	AFST 2204, RLCL 2204			
WGS	3134	Gender and Linguistics	1a	ENGL 3134	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		LNGS