

# 2024-2025 PATHWAYS COURSE GUIDE BY CONCEPT

## 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

**6d** = Critique and Practice Design

**6a** = Critique and Practice in the Arts

**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 count for both concepts.

## PATHWAYS MINORS KEY

**ABB** = Adaptive Brain and Behavior

**APCE** = Appalachian Cultures and Environments

**BIOD** = Biodiversity Conservation

**BLPL** = Blue Planet

**BOLD** = Organizational Leadership

**CAFS** = Civic Agriculture and Food Systems

**CLSO** = Climate and Society

**DST** = Disability Studies

**DTCE** = Design + Technology + Creative Expression

**DTDC** = Data and Decisions

**ECOC** = Ecological Cities

**EEMG** = Event and Experience Management

**EHWB** = Ecosystems for Human Well-being

**FAS** = Food, Agriculture, and Society

**GBP** = Global Business Practices to Improve the Human Condition

**GFSH** = Global Food Security and Health

**HCOM** = Health Communication

**HOSO** = Housing and Society

**ILRM** = Leadership and Social Change

**INNO** = Innovation

**ISDA** = Integrated Security

**LCPS** = Language and Culture for the Practice of Science

**LNGS** = Language Sciences

**MRJ** = Religion and Journalism

**PPE** = Philosophy, Politics, and Economics

**PSSJ** = Peace Studies and Social Justice

**PSUS** = Pathways to Sustainability

**SCOM** = Strategic Communication

**STL** = Science, Technology and Law

**TFH** = Tech for Humanity

**THE** = Technology, Humans, and Environment

**VAS** = Visual Arts and 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.

[www.pathways.prov.vt.edu/minors.html](http://www.pathways.prov.vt.edu/minors.html)

## Foundational Discourse (1f)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
COMM	1015	Communication Skills				
COMM	1016	Communication Skills		COMM-1015/UG/P	May not receive credit for both 1016 and 2004.	HCOM, SCOM

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
COMM	2754H	Topics in Tech Innovation		COMM-1016/UG/P OR ENGL-1105/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	
ENGL	1105	First-Year Writing				
ENGL	1106	First-Year Writing		ENGL-1105/UG/P		
FR	3105	Gram/Composition/Conversation		FR-2106/UG/P OR FR-2164/UG/P	Conducted in French.	LCPS
FR	3106	Gram/Composition/Conversation		FR-2106/UG/P OR FR-2164/UG/P	Conducted in French.	LCPS
GER	3105	Gram/Comp/Conv		GER-2106/UG/P OR GER-2114/UG/P	Taught in German.	
GER	3106	Gram/Comp/Conv		GER-3105/UG/P	Taught in German.	
HNFE	2984N	Special Study				
SPAN	3105	Gram/Composition/Conv		SPAN-2106/UG/P	Not recommended for native speakers of Spanish.	LCPS
SPAN	3106	Gram/Composition/Conv		SPAN-2106/UG/P	Not recommended for native speakers of Spanish.	LCPS

### Advanced/Applied Discourse (1a)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAD	4234	Capstone Collaborations		ENGE-2094/UG/P AND PHIL-3334/UG/P		DTCE, THE
AINS	2414	Identity & Inclusion in Agric	ALCE 2414	ENGL-1106/UG/P		FAS, ILRM
ALCE	2414	Identity & Inclusion in Agric	AINS 2414	ENGL-1106/UG/P		FAS, ILRM
ALCE	3624	Comm Ag & Life Sci in Writing		ENGL-1106/UG/P and junior standing		CAFS, FAS, ILRM
ALCE	3634	Comm Ag & Life Sci in Speaking		ENGL-1106/UG/P		CAFS, FAS, ILRM
ALS	2204	Sustainable Food Systems				APCE, CAFS, FAS
ALS	2604	Intro to Research Practices				
ALS	4244	Capstone Global Food Security		CSES-2244/UG/P AND AAEC-3204/UG/P		
AOE	3054	Experimental Methods		AOE-2024/UG/P AND AOE-2054/UG/P AND AOE-3014/UG/P AND AOE-3034/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AOE	4065	Air Vehicle Design		AOE-2104/UG/P AND AOE-3054/UG/P AND AOE-3114/UG/P AND AOE-3124/UG/P AND AOE-3134/UG/P AND AOE-3164/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4066	Air Vehicle Design		AOE-4065/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4105	Experiments for AE Design		AOE-3054/UG/P	Co: 4065 or 4165 for 4105. For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4106	Experiments for AE Design		AOE-4105/UG/P	Co: 4066 or 4166 for 4106. For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4165	Space Vehicle Design		AOE-2104/UG/P AND AOE-3054/UG/P AND AOE-3114/UG/P AND AOE-3124/UG/P AND AOE-3144/UG/P AND AOE-3154/UG/P AND AOE-3164/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4166	Space Vehicle Design		AOE-4165/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4205	Exper for Ocean Vehicle Design		AOE-3054/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AOE	4206	Exper for Ocean Vehicle Design		AOE-3054/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4265	Ocean Vehicle Design		AOE-2204/UG/P AND AOE-3214/UG/P AND AOE-3224/UG/P AND AOE-3234/UG/P AND AOE-3264/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
AOE	4266	Ocean Vehicle Design		AOE-4265/UG/P	For Pathways Advanced Discourse credit, must complete AOE 3054, 4105-06, 4205-06, 4065-66, 4165-66, and 4265-66.	
APS	4414	Issues in Appalachian Studies	HUM 4414	HUM-1704/UG/P OR APS-1704/UG/P		APCE
APSC	4004	Contemporary Issues in APSC		APSC-2004/UG/P		
ARCH	4114	Ideas-Concepts-Representations		ARCH-3015/UG/P AND ARCH-3116/UG/P		
ART	4104	Interpretation of Visual Arts		ART-1104/UG/P and six credits of social sciences from Pathways Minor in the Visual Arts and Society checksheet.		VAS
BIOL	4594	EEB Senior Seminar		BIOL-2704/UG/P AND BIOL-2804/UG/P		
BIT	4164	Future of Security	CS 4164, PSCI 4164	PSCI-2164/UG/P OR BIT-2164/UG/P OR CS-2164/UG/P		ISDA
BIT	4854	Analytics in Action	MGT 4854			DTDC
BMES	2004	Concussion Perspectives				ABB
BMES	4015	BME Senior Design and Project		BMES-3034/UG/P AND BMES-3184/UG/P	For Pathways Advanced Discourse credit, must complete both BMES 4015 and BMES 4016.	
BMES	4016	BME Senior Design and Project		BMES-4015/UG/P	For Pathways Advanced Discourse credit, must complete both BMES 4015 and BMES 4016.	
BMES	4984A	Special Study				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
CEE	2804	Introduction to CEE			For Pathways Advanced Discourse credit, must complete combination of CEE 2804, CEE 3304, CEE 4804	
CEE	3304	Fluid Mech for CEE		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	4804	Prof & Legal Issues Civil Eng		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			For Pathways Advanced Discourse credit, must complete combination of CEM 2104, CEM 3084, CEM 4445, and CEM 4446.	
CEM	3084	Construction Economy		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		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.	
CEM	4446	CEM Capstone		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.	
CMST	3214	Professional Communication		COMM-1016/UG/P OR COMM-2004/UG/P		SCOM
COMM	2004	Public Speaking			COMM 2004 partially duplicates COMM 1016.	BOLD, HCOM, INNO
COMM	2764H	Topics in Tech Innovation		COMM-2754H/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	
CS	4164	Future of Security	BIT 4164, PSCI 4164	PSCI-2164/UG/P OR BIT-2164/UG/P OR CS-2164/UG/P		ISDA

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ECE	4805	Senior Design Project		ECE-2804/UG/C AND (ECE-3004/UG/C- OR ECE-3504/UG/C-) AND (ECE-3105/UG/C- OR ECE-3514/UG/C-) AND (ECE-3106/UG/C- OR ECE-3134/UG/C- OR ECE-3204/UG/C- OR ECE-3214/UG/C- OR ECE-3304/UG/C- OR ECE-3544/UG/C- OR ECE-3564/UG/C- OR ECE-3574/UG/C- OR ECE-3614/UG/C- OR ECE-3704/UG/C- OR ECE-4205/UG/C- OR ECE-4234/UG/C- OR ECE-4354/UG/C- OR ECE-4424/UG/C- OR ECE-4524/UG/C- OR ECE-4540/UG/C- OR ECE-4580/UG/C- OR ECE-4704/UG/C-)	For Pathways Advanced Discourse credit, must complete both ECE 4805 and ECE 4806.	
ECE	4806	Senior Design Project		ECE-4805/UG/C-	For Pathways Advanced Discourse credit, must complete both ECE 4805 and ECE 4806.	
ECE	4984A	Special Study				
EDCT	4004	International Workforce Dev				
ENGE	4735	Interdisciplinary Design		See course catalog	For Pathways Advanced Discourse credit, must complete both ENGE 4735 and ENGE 4736	INNO
ENGE	4736	Interdisciplinary Design		ENGE-4735/UG/P	For Pathways Advanced Discourse credit, must complete both ENGE 4735 and ENGE 4736	
ENGL	2014	Food Writing		ENGL-1106/UG/P OR COMM-1016/UG/P		FAS

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ENGL	2634	Writing and Social Justice		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, EHWB, PSSJ
ENGL	2744	Intro to Creative Writing		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		DTCE
ENGL	2844	Intro to Prof & Tech Writing		ENGL-1106/UG/P OR COMM-1016/UG/P		
ENGL	3024	Religion and Literature	RLCL 3024			
ENGL	3134	Gender and Linguistics	WGS 3134	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		LNGS
ENGL	3144	Language & Ethnicity in the US	RLCL 3144, SOC 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
ENGL	3534	Literature and the Environment		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		BLPL, ECOC, EHWB, PSUS
ENGL	3694	Topics in World Novels		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	May be repeated once with different topics.	
ENGL	3754	Advanced Writing and Research		ENGL-1106/UG/P OR COMM-1016/UG/P		
ENGL	3764	Technical Writing		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P and junior standing.		INNO
ENGL	3774	Business Writing		ENGL-1106/UG/P OR COMM-1016/UG/P and junior standing.		INNO
ENGL	3824	Visual Rhetoric and Doc Design		ENGL-1106/UG/P OR COMM-1016/UG/P		INNO
ENGL	3834	Intercultural Issues in PW		ENGL-1106/UG/P OR COMM-1016/UG/P		INNO
ENGL	3844	Writing and Digital Media		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		INNO, MRJ

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ENGL	4114	Chaucer		(ENGL-1106/UG/P OR ENGL-1204H/UG/P) OR COMM-1016/UG/P		
ENGL	4164	Studies in Shakespeare		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.	
ESM	4015	Creative Design and Project		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		ESM-4015/UG/P and senior standing.	For Pathways Advanced Discourse credit, must complete both ESM 4015 and ESM 4016.	
FR	3154	French for Natural Sciences		FR-3106/UG/P	Taught in French.	LCPS
FREC	3524	Environmental Interpretation		Junior standing.		
FREC	3734	Forest Fiber Supply		Junior standing.		
FREC	4174	Climate Chng & Intl Policy	IS 4174, PSCI 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		BLPL, CLSO
FREC	4454	Urban and Community Forestry		Junior standing.		ECOC, PPE
GEOG	2014	Health and Place: Health Geog				
GEOG	3274	Polar Environments		Sophomore standing.		CLSO
GEOS	4024	Senior Seminar		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		
HIST	2624	Topics Hist Data Soc Context			May be repeated once for up to 6 hours of credit.	DTDC
HIST	3054	The American Civil War				PSSJ
HIST	3714	War and Medicine				ABB, ISDA
HNFE	2984A	Special Study				
HUM	2504	Intro Amer Studies	RLCL 2504			
HUM	3034	Theories of Popular Culture	RLCL 3034			
HUM	4414	Issues in Appalachian Studies	APS 4414	HUM-1704/UG/P OR APS-1704/UG/P		APCE
HUM	3034H	Theories of Popular Culture	RLCL 3034H			



SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
IS	2004	Res & Writing in Intl Studies				
IS	4174	Climate Chng & Intl Policy	FREC 4174, PSCI 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		BLPL, CLSO
ISE	3034	Tech Comm for Engineers		ENGL-1106/UG/P		
ISE	4984A	Special Study				
ITAL	3305	Intro to Ital Lit in Context		ITAL-3105/UG/P OR ITAL- 3106/UG/P	Taught in Italian.	
ITAL	3306	Intro to Ital Lit in Context		ITAL-3105/UG/P OR ITAL- 3106/UG/P	Taught in Italian.	
ITAL	3474	Topics in Italian Cinema			Taught in English. May be repeated, with different content, for a maximum of 6 credit hours.	
JMC	3154	Multimedia Reporting		COMM-2024/UG/P AND COMM-2034/UG/P		
LAR	4034	Evol of the Am Land				APCE, ECOC, PSUS
ME	3024	Engineering Design & Econ		ESM-2104/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		ENGL-1106/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		ME-3024/UG/P AND ME- 3034/UG/P AND ME- 3524/UG/P AND ME- 3534/UG/P AND ME- 3624/UG/P AND ME- 4005/UG/P AND (ME- 3304/UG/P OR MSE- 2034/UG/P)	For Pathways Advanced Discourse credit, must complete combination of ME 3024, ME 3034, and ME 4015- 4016.	
ME	4016	Engineering Design and Project		ME-4015/UG/P	For Pathways Advanced Discourse credit, must complete combination of ME 3024, ME 3034, and ME 4015- 4016.	
ME	4984A	Special Study				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
MGT	4334	Ethical Leadership		MGT-2354/UG/P OR MGT-3304/UG/P OR MGT-3404/UG/P		BOLD, GBP, ILRM, PPE
MGT	4854	Analytics in Action	BIT 4854			DTDC
MINE	2544	Leadership Responsible Mining		ENGL-1106/UG/P		
MINE	4635	Mining Engineering Capstone		MINE-2544/UG/P AND (MINE-3564/UG/P OR MINE-3574/UG/P) AND MINE-3624/UG/P		
MINE	4636	Mining Engineering Capstone		MINE-4635/UG/P		
MSE	2884	Matls Engr Professional Dev I			For Pathways Advanced Discourse credit, must complete combination of MSE 2884, MSE 3884, and MSE 4085-4086.	
MSE	3884	Matls Engr Professional Dev II		MSE-2884/UG/P	For Pathways Advanced Discourse credit, must complete combination of MSE 2884, MSE 3884, and MSE 4085-4086.	
MSE	4085	Senior Capstone Recitation		MSE-3884/UG/P MSE-3324//	For Pathways Advanced Discourse credit, must complete combination of MSE 2884, MSE 3884, and MSE 4085-4086.	
MSE	4086	Senior Capstone Recitation		MSE-4085/UG/P	For Pathways Advanced Discourse credit, must complete combination of MSE 2884, MSE 3884, and MSE 4085-4086.	
MSE	4984A	Special Study				
PPE	4884	PPE Capstone Course		PPE-2894/UG/P OR PHIL-2894/UG/P OR PSCI-2894/UG/P OR ECON-2894/UG/P		PPE
PR	3144	Writing and Editing for PR		COMM-2024/UG/P		
PSCI	4164	Future of Security	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	FREC 4174, IS 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		BLPL, CLSO

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
RLCL	2504	Intro Amer Studies	HUM 2504			
RLCL	3024	Religion and Literature	ENGL 3024			
RLCL	3034	Theories of Popular Culture	HUM 3034			
RLCL	3144	Language & Ethnicity in the US	ENGL 3144, SOC 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
RLCL	3034H	Theories of Popular Culture	HUM 3034H			
SOC	3144	Language & Ethnicity in the US	ENGL 3144, RLCL 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
SPAN	3154	Spanish for Natural Sciences		SPAN-3106/UG/P	Taught in Spanish.	LCPS
SPIA	2124	Art & Science of Negotiation				
SPIA	4784	Community Systems Capstone		(SPIA-1024/UG/P OR SOC- 2034/UG/P) AND SPIA- 2024/UG/P and 3 credits in Discourse.		
STL	4314	Current Topics in STL		STL-2304/UG/P OR STL- 4304/UG/P OR STL- 4324/UG/P		STL
TA	2404	Intro App Collaborative Tech				APCE, BOLD, DTCE, PSUS
UH	2504	Discourse & Global Citizenship			Course cannot be repeated for credit.	
WGS	3134	Gender and Linguistics	ENGL 3134	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		LNGS

## Critical Thinking in the Humanities (2)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AFST	1814	Intro to African Studies				ILRM
AFST	2044	Contmpry African Amer Theatre	ENGL 2044, TA 2044			
AFST	2204	Race & Gender in Rel & Cult	RLCL 2204, WGS 2204			HOSO, ILRM, MRJ
AFST	2275	African-American History	HIST 2275			
AFST	2276	African-American History	HIST 2276			
AFST	2644	Intro African-American Lit	ENGL 2644	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AINS	3174	Native American History	HIST 3174			
APS	1704	Intro to Appalachian Studies	HUM 1704			APCE, EHWB, ILRM, PSUS
APS	2434	Cult Politics Music Appalachia				APCE
ARBC	2774	Arab Culture and Civilization			Taught in English.	
ARBC	3274	War and Arab Culture			Taught in English.	
ARBC	3304	Modern Arabic Lit in Trans			Taught in English.	
ARBC	3474	Topics in Arab Cinema			Taught in English. Variable content. May be repeated 2 times with different content for a maximum of 6 credits.	
ARBC	3644	Religion in the Middle East	IS 3644, RLCL 3644			
ARCH	2004	Architecture and Culture				
ARCH	3115	Histories of Architecture		ARCH-1015/UG/P		
ARCH	3116	Histories of Architecture		ARCH-3115/UG/P		
ART	1104	Language of Visual Arts			Resource charge.	VAS
ART	1334	Visual Arts and Culture			Does not count towards the art history major.	
ART	2385	Surv Hist West Art				BOLD, PSUS, VAS
ART	2386	Surv Hist West Art				VAS
ART	3054	Islamic Art and Architecture				
ART	3064	Arts of China and Japan				
ART	3074	Egyptian Art and Architecture				
ART	3174	Introduction to Archaeology				VAS
ART	3184	Roman Art and Architecture				
ART	3284	Medieval Art and Architecture				
ART	3384	Renaissance Art				
ART	3484	Baroque Art and Arch				
ART	3584	19th Century Art				
ART	3674	History of Photography				
ART	3954B	Study Abroad				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
BIT	4604	Data Gov, Privacy, Ethics		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
CHN	2734	Chinese Culture and Civ			Taught in English.	
CHN	3304	Chinese Lit in Translation			Taught in English.	
CHN	3474	Topics in Chinese Cinema			May be repeated once with different content for a maximum of 6 credit hours.	
CINE	2054	Introduction to Cinema				DTCE
CLA	1134	Ancient Mediterranean World	RLCL 1134			
CLA	2224	Ancient Greek and Roman Women	HIST 2224			
CLA	2234	Classics in the Modern World	HIST 2234			
CLA	2244	Cities of Rome	HIST 2244			
CLA	2434	Fairytales, Folklore, and Magic			Taught in English.	
CLA	2444	Greek and Roman Myth	ENGL 2444, RLCL 2444		Taught in English.	
CLA	2454	Topics Ancnt Greek & Latn Lit			Taught in English. May be repeated 2 times with different content for a maximum of 9 credit hours.	
CLA	2464	Myth, Philosophy, Video Games				
CMST	2064	Rhetoric & Societal Change				MRJ
CRIM	2504	Crime & Punishment Amer Hist	HIST 2504			
CRIM	3124	Murder in American History	HIST 3124			
ECON	3884	Topics in PPE	PHIL 3884, PPE 3884, PSCI 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		
ENGL	1604	Introduction to Poetry				
ENGL	1614	Introduction to Short Fiction				
ENGL	1624	Intro to Detective Fiction				
ENGL	1634	Introduction to Shakespeare				
ENGL	1644	Intro to World Literature				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ENGL	1654	Intro to Science Fiction				INNO, TFH
ENGL	1664	Intro to Womens Literature				
ENGL	1704	The Harry Potter Phenomenon				
ENGL	2044	Contmpry African Amer Theatre	AFST 2044, TA 2044			
ENGL	2434	Legends of King Arthur	RLCL 2434	ENGL-1106/UG/P AND (ENGL-1204H/UG/P OR COMM-1016/UG/P)		
ENGL	2444	Greek and Roman Myth	CLA 2444, RLCL 2444		Taught in English.	
ENGL	2644	Intro African-American Lit	AFST 2644	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
ENGL	2664	Being Human: Lit & Human Exper		ENGL-1106/UG/P OR COMM-1016/UG/P	Revolving topics course; may be repeated once for credit.	
ENGL	3024	Religion and Literature	RLCL 3024			
ENGL	3424	Topics Rus Lit in Eng	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	RUS 3434	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	Taught in English.	
ENGL	3534	Literature and the Environment		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		BLPL, ECOC, EHWP, PSUS
ENGL	3694	Topics in World Novels		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	May be repeated once with different topics.	
ENGL	4114	Chaucer		(ENGL-1106/UG/P OR ENGL-1204H/UG/P) OR COMM-1016/UG/P		

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ENGL	4164	Studies in Shakespeare		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.	
ENGL	3954B	Study Abroad				
ENGL	4954B	Study Abroad				
FR	2714	French Culture & Civ			Taught in English.	LCPS
FR	3314	Intro to Francophone Studies		FR-3304/UG/P		
FR	3424	Medieval-Renaissance Culture		FR-3304/UG/P	Taught in French.	
FR	3434	Baroque-Revolution Culture		FR-3304/UG/P	Taught in French.	
FR	3444	Romantic-Belle Epoque Culture		FR-3304/UG/P	Taught in French.	
FR	3454	WWI-Contemporary Culture		FR-3304/UG/P	Taught in French.	
FREC	2554	Leading Global Sustainability	LAR 2554, NR 2554			APCE, BLPL, CLSO, HOSO, LCPS, PPE, PSUS, THE
FST	2024	Raw to Burnt: Exploring Foods				FAS
GER	2724	German Culture & Civ			Taught in English.	
GER	3305	Topics in Germ Cult and Lit		(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. Variable content. May be repeated once for credit with different content for a maximum of 6 credits.	
GER	3306	Topics in Germ Cult and Lit		(GER-3105/UG/P OR GER-3106/UG/P)	Taught in German. Variable content. May be repeated once for credit with different content for a maximum of 6 credits.	
GER	3474	Topics in German Cinema			Taught in English. Variable content. May be taken twice for credit with different content.	
HD	1134	Intro to Disabilities Studies				DST, HOSO

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HIST	1014	Topics in Reacting to the Past			May be repeated one time with different content for a maximum of six credits.	
HIST	1024	Ancient History				
HIST	1025	Intro to European History				
HIST	1026	Intro to European History				
HIST	1115	History of the United States				
HIST	1116	History of the United States				
HIST	1215	Intro to World History				
HIST	1216	Intro to World History				
HIST	1354	Conflict Security in East Asia				ISDA, PSSJ
HIST	1515	History of Africa				
HIST	1516	History of Africa				
HIST	2054	Engineering Cultures	STS 2054			INNO, TFH
HIST	2104	Topics in US History			Course may be repeated twice for a maximum of 9 credits.	
HIST	2114	Topics Crit Issues Euro Hist			Course may be repeated twice for a maximum of 9 credits.	
HIST	2124	Topics Crit Issues World Hist			May be repeated two times with different content for a maximum of 9 credit hours.	
HIST	2134	Topics in History on TV			May be repeated once with different content for a maximum of 6 credit hours.	
HIST	2224	Ancient Greek and Roman Women	CLA 2224			
HIST	2234	Classics in the Modern World	CLA 2234			
HIST	2244	Cities of Rome	CLA 2244			
HIST	2264	America in the 1960s				
HIST	2275	African-American History	AFST 2275			
HIST	2276	African-American History	AFST 2276			
HIST	2374	Gods and Kings in India	RLCL 2374			
HIST	2384	Gandhi and Modern India	RLCL 2384			
HIST	2394	Tofu Tikka: Asian Food History	RLCL 2394			FAS



SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HIST	2494	Cities in History				
HIST	2504	Crime & Punishment Amer Hist	CRIM 2504			
HIST	2544	U.S. South: Pre-Col to 1865				
HIST	2554	U.S. South: 1865 to Present				
HIST	2604	Intro Data in Social Context	SOC 2604, STS 2604			BOLD, DTCE, DTDC, GBP, HCOM, HOSO, ISDA, MRJ, PSSJ, TFH
HIST	3054	The American Civil War				PSSJ
HIST	3124	Murder in American History	CRIM 3124			
HIST	3144	American Environmental History				BIOD, BLPL, CAFS, ECOC, EHWB, FAS, PSUS
HIST	3164	Sexuality in American History				
HIST	3174	Native American History	AINS 3174			
HIST	3304	World of Alexander the Great				
HIST	3354	Reform & Rev Early Mod England				
HIST	3374	French Empire				
HIST	3544	World War II				PSSJ
HIST	3554	Age of Globalization				BOLD
HIST	3564	The Cold War				PSSJ
HIST	3654	Arab-Israeli Conflict				PSSJ
HIST	3714	War and Medicine				ABB, ISDA
HIST	3734	History of Modern Biology	STS 3734			
HIST	3954B	Study Abroad				
HTM	3484	Socio-Cult Impacts of Tourism				APCE, EHWB, GBP, PSUS, VAS
HUM	1324	HUM: Mod World				
HUM	1504	Into to Pop Culture	RLCL 1504			
HUM	1704	Intro to Appalachian Studies	APS 1704			APCE, EHWB, ILMR, PSUS
HUM	2504	Intro Amer Studies	RLCL 2504			
IS	2484	Religion and Politics	PSCI 2484, RLCL 2484			MRJ
IS	3344	Global Environmental Issues	PSC I3344, UAP 3344			
IS	3644	Religion in the Middle East	ARBC 3644, RLCL 3644			

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ITAL	3305	Intro to Ital Lit in Context		ITAL-3105/UG/P OR ITAL-3106/UG/P	Taught in Italian.	
ITAL	3306	Intro to Ital Lit in Context		ITAL-3105/UG/P OR ITAL-3106/UG/P	Taught in Italian.	
ITAL	3474	Topics in Italian Cinema			Taught in English. May be repeated, with different content, for a maximum of 6 credit hours.	
ITAL	2984B	Special Study				
JPN	2744	Japanese Pop Culture			Taught in English.	
JPN	3304	Japanese Lit in Translation		ENGL-1106/UG/P AND ENGL-1204H/UG/P	Taught in English.	
JPN	3474	Topics in Japanese Cinema			Taught in English. Variable content.	
JPN	3724	Modern Japan Cult and Soc		JPN-3106/UG/P	Taught in Japanese.	
JUD	2134	Judaism	RLCL 2134			
JUD	2414	Hebrew Bible/Old Testament	RLCL 2414			
LAHS	2224	Topics in Latinx Culture		SPAN-2764/UG/P	Course may be repeated one time with different content for a maximum of 6 credits.	
LAHS	2784	Intro Public Interest Tech				TFH
LAR	2554	Leading Global Sustainability	FREC 2554, NR 2554			APCE, BLPL, CLSO, HOSO, LCPS, PPE, PSUS, THE
LAR	4034	Evol of the Am Land				APCE, ECOC, PSUS
MGT	2204	Global Business of Pop Culture				BOLD, GBP
MGT	4324	Bus and Prof Ethics	PHIL 4324			BOLD, PPE
MUS	1134	Music of the Americas				
MUS	2115	Survey of Western Music				
MUS	2116	Survey of Western Music				
MUS	3164	History of Electronic Music				
MUS	3184	Histories of Music I		MUS-3174/UG/P		
MUS	3194	Histories of Music II		MUS-3174/UG/P		
MUS	3164H	History of Electronic Music				
NR	2554	Leading Global Sustainability	FREC 2554, LAR 2554			APCE, BLPL, CLSO, HOSO, LCPS, PPE, PSUS, THE

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PHIL	1204	Knowledge and Reality				
PHIL	1304	Morality and Justice				ILRM, PPE, STL
PHIL	2115	Ancient/Medieval Philosophy				
PHIL	2116	Ancient/Medieval Philosophy				
PHIL	2125	History of Modern Philosophy				
PHIL	2126	History of Modern Philosophy				
PHIL	2304	Global Ethics				BOLD, ILRM, ISDA, MRJ, PPE, STL
PHIL	2314	Phil of Sex, Gender, Race				
PHIL	3015	Political Theory	PSCI 3015	PSCI-2014/UG/P		
PHIL	3016	Political Theory	PSCI 3016	PSCI-2014/UG/P		PPE
PHIL	3024	Topics Philosophical Movements			May be repeated 2 times with different content for a maximum of 9 credits.	
PHIL	3314	Ethical Theory		3 Philosophy credits required.		PPE, PSSJ
PHIL	3324	Biomedical Ethics				MRJ, TFH
PHIL	3334	Ethics & Artific Intell				MRJ, TFH, THE
PHIL	3414	Aesthetics				
PHIL	3454	Philosophy of Religion	RLCL 3454			
PHIL	3614	Philosophy of the Environment				
PHIL	3884	Topics in PPE	ECON 3884, PPE 3884, PSCI 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		
PHIL	4214	Metaphysics		3 Philosophy credits required.		
PHIL	4304	Political Philosophy		3 Philosophy credits required.		ILRM, PPE
PHIL	4324	Bus and Prof Ethics	MGT 4324			BOLD, PPE
PHIL	4334	Jurisprudence		3 Philosophy credits required.		PPE, PSSJ
PHIL	1984B	Special Study				
PPE	1004	Intro Philosophy Politics Econ			First-Year Experience course.	
PPE	2894	PPE Gateway Course				PPE
PPE	3016	Political Theory	PHIL 3016, PSCI 3016	PSCI-2014/UG/P		
PPE	3314	Ethical Theory	PHIL 3314			

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PPE	3884	Topics in PPE	ECON 3884, PHIL 3884, PSCI 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		PPE
PPE	4304	Political Philosophy	PHIL 4304			
PPE	4884	PPE Capstone Course		PPE-2894/UG/P OR PHIL- 2894/UG/P OR PSCI- 2894/UG/P OR ECON- 2894/UG/P		PPE
PSCI	2484	Religion and Politics	IS 2484, RLCL 2484			MRJ
PSCI	3015	Political Theory	PHIL 3015	PSCI-2014/UG/P		
PSCI	3016	Political Theory	PHIL 3016	PSCI-2014/UG/P		PPE
PSCI	3344	Global Environmental Issues	UAP 3344			ECOC, ILRM, ISDA, PPE, STL
PSCI	3884	Topics in PPE	ECON 3884, PHIL 3884, PPE 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		
RED	4224	Historic Preservation		AHRM-1014/UG/P		
RLCL	1004	Intro to Religion & Culture				VAS
RLCL	1014	World Religions				MRJ
RLCL	1024	Judaism, Christianity, Islam				
RLCL	1034	Religion and the Modern World				
RLCL	1044	Religious Ethics				ILRM, MRJ
RLCL	1134	Ancient Mediterranean World	CLA 1134			
RLCL	1214	The Medieval World				
RLCL	1504	Into to Pop Culture	HUM 1504			
RLCL	1904	Religion and Culture In Asia				
RLCL	2124	Religion in American Life				
RLCL	2134	Judaism	JUD 2134			
RLCL	2204	Race & Gender in Rel & Cult	AFST 2204, WGS 2204			HOSO, ILRM, MRJ
RLCL	2324	Islam				
RLCL	2374	Gods and Kings in India	HIST 2374			
RLCL	2384	Gandhi and Modern India	HIST 2384			
RLCL	2394	Tofu Tikka: Asian Food History	HIST 2394			FAS
RLCL	2414	Hebrew Bible/Old Testament	JUD 2414			
RLCL	2424	New Testament				
RLCL	2434	Legends of King Arthur	ENGL 2434			

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
RLCL	2444	Greek and Roman Myth	CLA 2444, ENGL 2444		In English.	
RLCL	2484	Religion and Politics	IS 2484, PSCI 2484			MRJ
RLCL	2504	Intro Amer Studies	HUM 2504			
RLCL	3024	Religion and Literature	ENGL 3024			
RLCL	3214	Religion and Culture in India				
RLCL	3224	Religion in China and Japan				
RLCL	3414	Jesus in Earliest Christianity				
RLCL	3424	Christian Orthodoxy and Heresy				
RLCL	3454	Philosophy of Religion	PHIL 3454			
RLCL	3644	Religion in the Middle East	ARBC 3644, IS 3644			
RLCL	1004H	Intro to Religion & Culture				
RLCL	1904H	Religion and Culture in Asia				
RUS	2734	Intro Rus Culture and Civ			Taught in English.	
RUS	3304	Survey 19th Century Rus Lit		ENGL-1106/UG/P OR ENGL-1204H/UG/P	Taught in English.	
RUS	3314	Survey 20th Century Rus Lit		ENGL-1106/UG/P OR ENGL-1204H/UG/P	Taught in English.	
RUS	3424	Topics Rus Lit in Eng	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	ENGL 3434	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P	Taught in English.	
SOC	2604	Intro Data in Social Context	HIST 2604, STS 2604			BOLD, DTCE, DTDC, GBP, HCOM, HOSO, ISDA, MRJ, PSSJ, TFH
SOC	4324	Medical Exp & Biomed Theories	STS 4324	STS-2154/UG/P OR STS- 3314/UG/P OR SOC- 3104/UG/P		

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
SPAN	2744	Topics in Spanish Culture			Taught in English. Course may be repeated, with different topics, for a maximum of 6 credits.	LCPS
SPAN	2754	Topics in Spanish Amer Culture			Taught in English. Course may be repeated, with different topics, for a maximum of 6 credits.	LCPS
SPAN	2764	Intro Latino American Studies			In English.	APCE, LCPS
SPAN	2774	Minority Lang & Span Context			Taught in English. Does not count toward the Spanish major or minor.	LCPS, LNGS
SPAN	3304	Intro Hispanic Literature		SPAN-3106/UG/P	Taught in Spanish.	
SPAN	3404	Early Penin Culture & Lit		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3414	Modern Penin Culture & Lit		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3444	Early Span-Am Culture & Lit		SPAN-3304/UG/P		
SPAN	3464	Mod Mexican/Central Am Cult Lt		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3474	Mod Spanish Caribbean Cult Lit		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3484	Mod Andean/S Cone Cult Lit		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3514	Span Medical Professions		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3534	Spanish Business Professions		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3564	Community through Service		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3574	Spanish for Legal Professions		SPAN-3304/UG/P	Taught in Spanish.	
STL	4324	Global Aspects of IP		Senior standing.		STL
STS	1504	Intro Science, Tech, Society				DTCE, EHWB, STL, TFH
STS	2034	Intro to Technology and Race				TFH
STS	2054	Engineering Cultures	HIST 2054			INNO, TFH
STS	2154	The Life Sciences and Society				ABB, INNO, STL
STS	2254	Innovation in Context				HOSO, INNO, TFH, THE
STS	2444	Global Sci & Tech Policy				CLSO, TFH
STS	2454	Science Tech & Environment				BIOD, CLSO, ECOC, ISDA, TFH, THE
STS	2604	Intro Data in Social Context	HIST 2604, SOC 2604			BOLD, DTCE, DTDC, GBP, HCOM, HOSO, ISDA, MRJ, PSSJ, TFH
STS	2664	Technology Ethics				TFH
STS	3104	Sci & Tech in Modern Society				PSUS, STL

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
STS	3284	Technology and Disability				DTCE, DST, INNO, TFH, THE
STS	3314	Medical Dilemmas & Human Exper				DST
STS	3334	Energy and Society				APCE, CLSO, EHWB, HOSO, INNO, PSSJ, PSUS, TFH, THE
STS	3734	History of Modern Biology	HIST 3734			
STS	4324	Medical Exp & Biomed Theories	SOC 4324	STS-2154/UG/P OR STS-3314/UG/P OR SOC-3104/UG/P		
TA	2014	Introduction to Theatre				
TA	2024	Introduction to Acting				PSUS
TA	2044	Contmpry African Amer Theatre	AFST 2044, ENGL 2044			
UAP	3344	Global Environmental Issues	PSCI 3344			ECOC, ILRM, ISDA, PPE, STL
UH	2554	Humanities&Global Citizenship			Course cannot be repeated for credit.	
UH	2834	Hum Tech Innov Soc Impact			May be repeated 5 times with different content for a maximum of 6 credits.	
WGS	1114	Intro to LGBTQ+ Lives				
WGS	1824	Intro Women's & Gender Studies				ILRM, PSSJ, VAS
WGS	2204	Race & Gender in Rel & Cult	AFST 2204, RLCL 2204			HOSO, ILRM, MRJ
WGS	2224	Creativity, Power, & Politics				

### Reasoning in the Social Sciences (3)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAEC	1005	Econ Food Fiber Sys				BLPL, CAFS, FAS, GFSH, PPE
AAEC	1006	Econ Food Fiber Syst				CAFS, FAS
AAEC	3204	Intl Agri Dvlp & Trad		AAEC-1005/UG/P OR ECON-2005/UG/P		CAFS, GBP, GFSH, PPE

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAEC	3324	Environment Sustain Dev Econ		AAEC-1005/UG/P OR AAEC-1006/UG/P OR ECON-2005/UG/P		BIOD, CAFS, EHWP, GBP, GFSH, HOSO, ILMR, ISDA, PPE, PSSJ, PSUS
AAEC	4464	Water Resources Policy & Econ	FREC 4464, WATR 4464	AAEC-1005/UG/P OR ECON-2005/UG/P		BLPL
ADV	2134	Intro to Health Communication				ABB, HCOM
AFST	1714	Intro African American Studies				APCE, ILMR, VAS
AFST	1814	Intro to African Studies				ILMR
AFST	2104	African American Linguistics	ENGL 2104	ENGL-1106/UG/P OR COMM-1016/UG/P		
AHRM	2404	Consumer Rights				
AINS	1104	Intro American Indian Studies				APCE, EHWP
AINS	3184	Food Sovereignty	HIST 3184			FAS
ALCE	3014	Leadership Effectiveness in Ag		LDRS-1015/UG/P OR LDRS-1414/UG/P		CAFS, GFSH, ILMR
ALS	4204	Concepts Comm Food Systems		ALS-2204/UG/P		APCE, CAFS, FAS, LCPS
APS	3124	Societal Health	STS 3124			APCE
ARBC	2774	Arab Culture and Civilization			Taught in English.	
ARCH	1044	Life in the Built Environment	SPIA 1044			ECOC
ART	3174	Introduction to Archaeology				VAS
BDS	2005	Fundamentals of BDS				DTDC
BDS	2006	Fundamentals of BDS		BDS-2005/UG/P AND ECON-2005/UG/P AND PSYC-1004/UG/P		DTDC
BDS	3134	Choice and Behavior	ECON 3134	ECON-2005/UG/P AND (ECON-2006/UG/P OR BDS-2006/UG/P)		PPE
BIT	2164	Foundations Security Environ	CS 2164, PSCI 2164			ISDA
BMES	3004	Helmet Design				
BSE	4554	Creating the Ecological City	FREC 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
CHN	3604	Chinese Language and Society			Taught in English.	



SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
COMM	1014	Introduction to Communication				
COMM	2014	Comm Principles of Teamwork		Sophomore standing.		
COMM	2084	Media and Society				BOLD, DTCE, HCOM, MRJ, VAS
CRIM	4474	Cyber Criminology		CRIM-3414/UG/P OR SOC-3414/UG/P and junior standing.		ISDA, PSSJ
CS	2164	Foundations Security Environ	BIT 2164, PSCI 2164			ISDA
CS	4014	Algorithms & Society	STS 4014			
ECON	1104	Economics of Gender				HOSO, PPE
ECON	1204	Economics of Race			Does not count toward ECON major.	HOSO, PPE
ECON	1214	Econ Hist: Diversity&Inclusion				HOSO, PPE
ECON	2005	Principles of Economics				GBP, GFSH, PPE
ECON	2006	Principles of Economics		ECON-2005/UG/P		
ECON	3034	Poverty and Discrimination		ECON-2005/UG/P		GBP, HOSO
ECON	3134	Choice and Behavior	BDS 3134	ECON-2005/UG/P AND (ECON-2006/UG/P OR BDS-2006/UG/P)		PPE
ECON	3884	Topics in PPE	PHIL 3884, PPE 3884, PSCI 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		
EDCI	2614	The Reading Mind				
EDCI	2674	Language, Culture, & Learning				
EDCI	3024	Issues of Schooling in the US				
EDCI	3144	Educ Excptnl Learners	HD 3144			DST

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
EDCO	2004	Healthy Relationships				ABB
EDEP	2444	Motivating Yourself and Others				ABB
ENGE	1644	Global STEM Practice			Enrollment by application.	INNO
ENGE	2524	Service Learning Edu. Outreach		Sophomore standing.		
ENGE	4094	Startup: Commercialization	IDS 4094, MGT 4094			INNO
ENGE	2524H	Service Learning Edu. Outreach				
ENGL	1504	Introduction to Linguistics				LNGS
ENGL	1514	Language and Society				LNGS
ENGL	2104	African American Linguistics	AFST 2104	ENGL-1106/UG/P OR COMM-1016/UG/P		
ENGL	2724	Intro to Displacement Studies	HIST 2724, LAHS 2724, STS 2724			
ENGL	3144	Language & Ethnicity in the US	RLCL 3144, SOC 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
FIN	3054	Legal & Ethical Env of Bus		Sophomore standing.		
FIN	4014	Cyberlaw and Policy		Junior standing.		ISDA, SCOM
FIW	2234	Fish, Fishing, & Conservation				BIOD
FIW	2514	Fish Wildlife Conserv Policy				BIOD
FIW	4114	Biodiversity Conservation		FIW-2114/UG/P	Cannot be taken for credit by Wildlife Conservation (WLC) majors.	BIOD
FIW	3954C	Study Abroad				
FL	2774	Multilingualism & Lang Contact			Taught in English.	
FMD	1204	Clothing and People				
FR	2714	French Culture & Civ			Taught in English.	LCPS
FREC	2124	Forests, Society & Climate				CLSO, EHWB, GFSH, LCPS, PPE
FREC	2554	Leading Global Sustainability	LAR 2554, NR 2554			APCE, BLPL, CLSO, HOSO, LCPS, PPE, PSUS, THE
FREC	4134	Forest Carbon Mgt & Policy		Junior standing.		

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
FREC	4174	Climate Chng & Intl Policy	IS 4174, PSCI 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		BLPL, CLSO
FREC	4464	Water Resources Policy & Econ	AAEC 4464, WATR 4464	(AAEC-1005/UG/P OR ECON-2005/UG/P)		BLPL
FREC	4554	Creating the Ecological City	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				
GEOG	1014	World Regions				PSSJ
GEOG	1115	Seeking Sustainability	NR 1115			BLPL, BOLD, PSUS
GEOG	1116	Seeking Sustainability	NR 1116	GEOG-1115/UG/P OR NR- 1115/UG/P		APCE, BOLD, PSUS
GEOG	2004	Water, Environment & Society	WATR 2004			BLPL, CLSO, EHWB, IS
GEOG	2054	Introduction to World Politics	IS 2054, PSCI 2054			ISDA, PPE, PSSJ, STL, VAS
GEOG	2064	Global Econ and World Politics	IS 2064, PSCI 2064			GBP, PPE, STL
GEOG	2074	COVID-Global to Local Impacts				
GEOG	2244	Sustainable Urbanization	SPIA 2244			ECOC, GBP, HOSO, PPE
GEOG	3104	Environ Prob Pop Dev				BIOD, BLPL, CLSO, EHWB, GFSH, ISDA, PPE, VAS
GEOG	4074	Med Geog Infectious Diseases		Junior standing.		
GER	2724	German Culture & Civ			Taught in English.	
HD	1004	Human Development I				ABB, DST
HD	2004	Adulthood and Aging				ABB, HOSO
HD	2014	Integrative Health Practices				ABB, GFSH, PSSJ
HD	2314	Human Sexuality				
HD	3144	Educ Excptnl Learners	EDCI 3144			DST
HD	1984C	Special Study				
HD	3954C	Study Abroad				
HIST	1025	Intro to European History				
HIST	1026	Intro to European History				
HIST	1084	Introduction to Food Studies	PSCI 1084, RLCL 1084, SOC 1084			FAS
HIST	1215	Intro to World History				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HIST	1216	Intro to World History				
HIST	1224	Conquest Culture in Lat Am Emp				
HIST	1354	Conflict Security in East Asia				ISDA, PSSJ
HIST	1515	History of Africa				
HIST	1516	History of Africa				
HIST	1764	History of Rock n Roll				
HIST	2054	Engineering Cultures	STS 2054			INNO, TFH
HIST	2484	Modern Germany				
HIST	2514	U.S. Food History				FAS
HIST	2524	History of Agriculture				FAS
HIST	2534	America at War				
HIST	2715	History of Technology	STS 2715			INNO, STL, TFH
HIST	2716	History of Technology	STS 2716			INNO, ISDA, STL, TFH
HIST	2724	Intro to Displacement Studies	ENGL 2724, LAHS 2724, STS 2724			
HIST	3144	American Environmental History				BIOD, BLPL, CAFS, ECOC, EHWB, FAS, PSUS
HIST	3184	Food Sovereignty	AINS 3184			FAS
HIST	3304	World of Alexander the Great				
HIST	3374	French Empire				
HIST	3544	World War II				PSSJ
HIST	3554	Age of Globalization				BOLD
HIST	3564	The Cold War				PSSJ
HIST	3724	Disease, Med, & Health				ABB, EHWB
HIST	3734	History of Modern Biology	STS 3734			
HNFE	2314	Active Transp for Health	SPIA 2314			ECOC
HNFE	2664	Behav Theory in Hlth Promotion				ABB, EHWB
HORT	2184	Plants Places Culture Globally				CAFS, EHWB, GFSH, LCPS, VAS
HORT	4554	Creating the Ecological City	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				CAFS, EEMG
HTM	2464	Introduction to Service				EEMG

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HTM	3484	Socio-Cult Impacts of Tourism				APCE, EHWP, GBP, PSUS, VAS
HUM	3204	Multicultural Communication	RLCL 3204			APCE, BOLD, EEMG, GBP, HOSO, LNGS, MRJ, PSSJ, VAS
HUM	3204H	Multicultural Communication	RLCL 3204			
IDS	4094	Startup: Commercialization	ENGE 4094, MGT 4094			INNO
IS	1004	Nations and Nationalities	PSCI 1004			
IS	1024	Comp Gov & Politics	PSCI 1024			
IS	2054	Introduction to World Politics	GEOG 2054, PSCI 2054			ISDA, PPE, PSSJ, STL, VAS
IS	2064	Global Econ and World Politics	GEOG 2064, PSCI 2064			GBP, PPE, STL
IS	3064	Food Politics	PSCI 3064			FAS
IS	3374	The Politics of Energy	PSCI 3374	Junior standing.		
IS	4174	Climate Chng & Intl Policy	FREC 4174, PSCI 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		BLPL, CLSO
JMC	2074	Introduction to Sports Media				
LAHS	2724	Intro to Displacement Studies	ENGL 2724, HIST 2724, STS 2724			
LAR	2554	Leading Global Sustainability	FREC 2554, NR 2554			APCE, BLPL, CLSO, HOSO, LCPS, PPE, PSUS, THE
LAR	3264	People Community and Place		Junior standing.		APCE, ECOC, THE
LAR	4554	Creating the Ecological City	BSE 4554, FREC 4554, HORT 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
LDRS	1414	Citizen Leadership				EEMG, ILRM
LDRS	1424	Citizen Leadership Praxis		LDRS-1414/UG/P		ILRM
LDRS	2014	Principles of Peer Leadership			May be repeated once for a maximum of 6 credits.	ILRM
LDRS	3304	Elements of Team Leadership		LDRS-1015/UG/P OR LDRS-1414/UG/P		BOLD, EEMG, ILRM

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
MGT	2064	Foundations Entrepreneurship				
MGT	2354	Teams, Leadership, & Business		Sophomore standing.		BOLD
MGT	2504	Sustainable Business Mgt				PPE
MGT	3094	Global Entrepreneurship		MGT-2064/UG/P		
MGT	3304	Mgt Th & Lead Pract		Sophomore standing.		PPE
MGT	3444	Multi Diversity in Orgs		Junior standing.		BOLD, GBP, HOSO, PPE, PSUS, SCOM
MGT	4094	Startup: Commercialization	ENGE 4094, IDS 4094			INNO
MKTG	3134	Pers Well Being & Prof Succ				
MN	4005	Leadership & Mgt/Ethics		Sophomore standing.		BOLD, SCOM
MN	4006	Leadership & Mgt/Ethics		Sophomore standing.		
NR	1115	Seeking Sustainability	GEOG 1115			BLPL, BOLD, PSUS
NR	1116	Seeking Sustainability	GEOG 1116	NR-1115/UG/P OR GEOG-1115/UG/P		APCE, BOLD, PSUS
NR	2554	Leading Global Sustainability	FREC 2554, LAR 2554			APCE, BLPL, CLSO, HOSO, LCPS, PPE, PSUS, THE
PHIL	3015	Political Theory	PSCI 3015	PSCI-2014/UG/P		
PHIL	3016	Political Theory	PSCI 3016	PSCI-2014/UG/P		PPE
PHIL	3884	Topics in PPE	ECON 3884, PPE 3884, PSCI 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		
PHS	4054	Concepts in One Health		Junior standing.		EHWB
PM	3684	Sustainable Property Mgt.				ECOC
PM	4744	Housing Challenges & Policies				HOSO
PPE	1214	Econ Hist: Diversity&Inclusion	ECON 1214			
PPE	2894	PPE Gateway Course				PPE
PPE	3016	Political Theory	PHIL 3016, PSCI 3016	PSCI-2014/UG/P		
PPE	3884	Topics in PPE	ECON 3884, PHIL 3884, PSCI 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		PPE
PR	2044	Principles of Public Relations				EEMG, HCOM, SCOM

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PR	4404	Strategic Comm Capstone		PR-2044/UG/P AND AHRM-1014/UG/P AND ACIS-1004/UG/P AND (COMM-1016/UG/P OR COMM-2004/UG/P)		
PSCI	1004	Nations and Nationalities	IS 1004			
PSCI	1014	US Gov & Politics				PPE, STL
PSCI	1024	Comp Gov & Politics	IS 1024			STL, VAS
PSCI	1084	Introduction to Food Studies	HIST 1084, RLCL 1084, SOC 1084			FAS
PSCI	2054	Introduction to World Politics	GEOG 2054, IS 2054			ISDA, PPE, PSSJ, STL, VAS
PSCI	2064	Global Econ and World Politics	GEOG 2064, IS 2064			GBP, PPE, STL
PSCI	2164	Foundations Security Environ	BIT 2164, CS 2164			ISDA
PSCI	3015	Political Theory	PHIL 3015	PSCI-2014/UG/P		
PSCI	3016	Political Theory	PHIL 3016	PSCI-2014/UG/P		PPE
PSCI	3064	Food Politics	IS 3064			FAS
PSCI	3374	The Politics of Energy	IS 3374	Junior standing.		
PSCI	3884	Topics in PPE	ECON 3884, PHIL 3884, PPE 3884	3 credit hours in PPE, PHIL, PSCI, or ECON.		
PSCI	4174	Climate Chng & Intl Policy	FREC 4174, IS 4174	FREC-2124/UG/P OR GEOG-1524/UG/P		BLPL, CLSO
PSCI	1014H	Honors US Gov & Politics				
PSCI	2954C	Study Abroad				
PSVP	2044	Peace and Violence				ISDA, PSSJ
PSYC	1004	Introductory Psychology				ABB, VAS
PSYC	2034	Developmental Psychology		PSYC-1004/UG/P		ABB
PSYC	2044	Psychology of Learning		PSYC-1004/UG/P		ABB, EEMG
PSYC	2084	Social Psychology		PSYC-1004/UG/P		ILRM
PSYC	3014	Abnormal Psychology		PSYC-1004/UG/P		ABB
PSYC	3024	Human Behaviors Nat Environ		PSYC-1004/UG/P		EHWB

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PSYC	4154	Bilingual Develop. & Cognition		PSYC-1004/UG/P OR PSYC-1524/UG/P OR ENGL-1524/UG/P OR ENGL-1504/UG/P OR HD-1004/UG/P		
RED	4604	Environ & Sustain Housing				ECOC, HOSO
RED	4604H	Environ & Sustain Housing				
RLCL	1004	Intro to Religion & Culture				VAS
RLCL	1084	Introduction to Food Studies	HIST 1084, PSCI 1084, SOC 1084			FAS
RLCL	2054	Ethnography: Studying Culture	SOC 2054			APCE
RLCL	2464	Religion and Science	STS 2464			MRJ
RLCL	2514	Asian American Experience	SOC 2514			ILRM
RLCL	3144	Language & Ethnicity in the US	ENGL 3144, SOC 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
RLCL	3204	Multicultural Communication	HUM 3204			APCE, BOLD, EEMG, GBP, HOSO, ILRM, LNGS, MRJ, PSSJ, VAS
RLCL	1004H	Intro to Religion & Culture				
RLCL	3204H	Multicultural Communication	HUM 3204			
SOC	1004	Introductory Sociology				VAS
SOC	1014	Intro Social Anthrop				
SOC	1084	Introduction to Food Studies	HIST 1084, PSCI 1084, RLCL 1084			FAS
SOC	2004	Social Problems				HOSO, ILRM, PSSJ
SOC	2014	Soc Intimate Relationships				
SOC	2024	Soc of Race and Ethnicity				ILRM
SOC	2034	Diversity Community Engagement				APCE, EEMG, GBP, HCOM, HOSO, ILRM, PSSJ
SOC	2054	Ethnography: Studying Culture	RLCL 2054			APCE
SOC	2304	Individual In Society				
SOC	2514	Asian American Experience	RLCL 2514			ILRM



SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
SOC	3144	Language & Ethnicity in the US	ENGL 3144, RLCL 3144	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, LNGS
SOC	3314	Social Movements		SOC-1004/UG/P		HOSO, PSSJ
SOC	3404	Environmental Justice				
SOC	4324	Medical Exp & Biomed Theories	STS 4324	STS-2154/UG/P OR STS- 3314/UG/P OR SOC- 3104/UG/P		
SPAN	2764	Intro Latino American Studies			In English.	APCE, LCPS
SPAN	2774	Minority Lang & Span Context			Taught in English. Does not count toward the Spanish major or minor.	LCPS, LNGS
SPAN	3494	Intro to Hispanic Linguistics		SPAN-3304/UG/P		LNGS
SPAN	3544	Sounds of Spanish		SPAN-3304/UG/P	Taught in Spanish.	LNGS
SPES	2244	World Crops: Food and Culture				FAS, GFSH
SPIA	1024	Community Service Learning				GBP, ILRM
SPIA	1044	Life in the Built Environment	ARCH 1044			ECOC
SPIA	2024	Community Systems Thinking				
SPIA	2244	Sustainable Urbanization	GEOG 2244		Course fee: \$30.	ECOC, GBP, HOSO, PPE
SPIA	2314	Active Transp for Health	HNFE 2314			ECOC
SPIA	2554	Collaborative Policy & Plan				ILRM, THE
SPIA	4554	Creating the Ecological City	BSE 4554, FREC 4554, HORT 4554, LAR 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
STL	2304	Foundations of STL		ENGL-1106/UG/P OR ENGL-1204H/UG/P		STL
STS	1504	Intro Science, Tech, Society				DTCE, EHWB, STL, TFH
STS	2054	Engineering Cultures	HIST 2054			INNO, TFH
STS	2444	Global Sci & Tech Policy				CLSO, TFH
STS	2464	Religion and Science	RLCL 2464			MRJ
STS	2715	History of Technology	HIST 2715			INNO, STL, TFH
STS	2716	History of Technology	HIST 2716			INNO, ISDA, STL, TFH
STS	2724	Intro to Displacement Studies	ENGL 2724, HIST 2724, LAHS 2724			
STS	3124	Societal Health	APS 3124			APCE

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
STS	3334	Energy and Society				APCE, CLSO, EHWP, HOSO, INNO, PSSJ, PSUS, TFH, THE
STS	4014	Algorithms & Society	CS 4014	Junior standing.		
STS	4304	Topics: Contempy Issues in STS		Junior standing.		TFH
STS	4324	Medical Exp & Biomed Theories	SOC 4324	STS-2154/UG/P OR STS-3314/UG/P OR SOC-3104/UG/P		
UAP	1024	Leadership Service Pub Probs				HOSO, PPE
UAP	2334	Urbanization & Biodiv Conserv	FIW 2334			
UH	2544	Soc Sci & Global Citizenship			Course cannot be repeated for credit.	
UH	2814	Soc Sci Tech Innov Soc Impact			May be repeated 5 times with different content for a maximum of 6 credits.	
UNIV	1824	Pathways to Success Exploring				
WATR	2004	Water, Environment & Society	GEOG 2004			BLPL, CLSO, EHWP, ISDA
WATR	4464	Water Resources Policy & Econ	AAEC 4464, FREC 4464	(AAEC-1005/UG/P OR ECON-2005/UG/P)		BLPL
WGS	1824	Intro Women's & Gender Studies				ILRM, PSSJ, VAS

### Reasoning in the Natural Sciences (4)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AINS	4114	Indigenous Foodways				FAS
ALS	3404	Ecological Agriculture				CAFS, FAS, LCPS, PSUS
BIOL	1014	Introduction to Biology			Partially duplicates 1005, 1006, 1105, 1106.	
BIOL	1024	Cancer Causes Treatments Costs				
BIOL	1034	Biology of Sex				
BIOL	1054	Human Biol: Cncpts Curr Issues				
BIOL	1064	Plants and Civilization				FAS, LCPS
BIOL	1074	How Animals Think				
BIOL	1105	Principles of Biology			Duplicates 1005, 1006	LCPS
BIOL	1106	Principles of Biology			Duplicates 1005, 1006	LCPS
BIOL	29844	Special Study				
BIOL	2984D	Special Study				
BMES	2004	Concussion Perspectives				ABB

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
CHEM	1015	Chemistry in Context				
CHEM	1016	Chemistry in Context				
CHEM	1025	Chemistry in Context Lab				
CHEM	1026	Chemistry in Context Lab				
CHEM	1035	General Chemistry		CHEM-1014/UG/P OR MATH-1014/UG/P OR MATH-1025/UG/P OR MATH-1536/UG/P OR MATH-1225/UG/P OR MATH-1214/UG/P OR MATH-1524/UG/P	Co: MATH 1025 or MATH 1225.	
CHEM	1036	General Chemistry		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		CHEM-1014/UG/P OR MATH-1014/UG/P OR MATH-1025/UG/P OR MATH-1536/UG/P OR MATH-1225/UG/P OR MATH-1214/UG/P OR MATH-1524/UG/P		
CHEM	1046	General Chemistry Laboratory		CHEM-1045/UG/P OR CHEM-1065/UG/P		
CHEM	3054	Postconsumer Materials				
CSES	2244	Ag Global Food Sec and Health				CLSO, EHWB, FAS, GFSH
EDCI	2414	Design Based Biotech Learning				
ENSC	1015	Found Environmental Sci				BLPL, CAFS, EHWB, FAS, PSUS
ENSC	1016	Found Environmental Sci				BLPL, CAFS, FAS
ENT	2004	Insects and Human Society				LCPS
ENT	2804	Bees: Biol, Diversity, Sustain				
FIW	2114	Prin Fish and Wildl				BIOD, BLPL, PPE, PSUS
FIW	2234	Fish, Fishing, & Conservation				BIOD
FIW	4114	Biodiversity Conservation		FIW-2114/UG/P	Cannot be taken for credit by Wildlife Conservation (WLC) majors.	BIOD
FIW	3954D	Study Abroad				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
FREC	2004	Forest Ecosystems				BLPL, CLSO, ECOC, EHWB, PPE
FREC	2114	Ecology of Appalachian Forests				APCE, BLPL, ECOC, PSUS
FREC	2124	Forests, Society & Climate				CLSO, EHWB, GFSH, LCPS, PPE
FREC	2134	Plants & Greenspaces Urban Com	HORT 2134			CAFS, ECOC, EHWB, FAS, HOSO, LCPS, PSUS
FST	2024	Raw to Burnt: Exploring Foods				FAS
GEOG	1524	Intro Earths Climate				CLSO
GEOS	1004	Introduction to Earth Science				
GEOS	1014	Evolution of Earth-Life System				
GEOS	1024	Earth Resources, Soc, & Env				BLPL, CLSO, PSUS, THE
GEOS	1034	Earths Natural Hazards				ISDA, PSSJ
GEOS	1054	Age of Dinosaurs				
GEOS	1064	Climate History				BLPL, CLSO
GEOS	1104	Intro to Earth Sciences Lab				
GEOS	1124	Earth Res, Society & Env Lab				
GEOS	2014	Mission to the Planets				
HORT	2134	Plants & Greenspaces Urban Com	FREC 2134			CAFS, ECOC, EHWB, FAS, HOSO, LCPS, PSUS
ISC	1005	Integrated Sci Reasoning				
ISC	1006	Integrated Sci Reasoning				
ISC	1105	Integrated Science I				
ISC	1106	Integrated Science I		ISC-1105/UG/P		
ISC	1115	Integrated Science Lab I				
ISC	1116	Integrated Science Lab I		ISC-1115/UG/P		
ISC	1106H	Integrated Science I		ISC-1105/UG/P		
LAR	1254	Environment & Natural Systems				APCE, BLPL, ECOC
MINE	2114	Energy and Raw Materials				APCE, THE
MSE	1014	Mat Science Everyday Life				THE
MSE	2984D	Special Study				
NEUR	2364	Mind Altering Plants				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
NEUR	2464	Neuroscience and Society				ABB
PHIL	1604	How Science Works				
PHS	4054	Concepts in One Health		Junior standing.		EHWB
PHYS	1055	Introduction to Astronomy				
PHYS	1056	Introduction to Astronomy				
PHYS	2074	Contemporary Physics				
PHYS	2205	General Physics		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		
PHYS	2206	General Physics		PHYS-2305/UG/P OR PHYS-2205/UG/P		
PHYS	2215	General Physics Laboratory			Should be taken concurrently and in phase with lecture sequence, 2205-2206.	
PHYS	2216	General Physics Laboratory		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		MATH-1225/UG/P	Co: 2325 or (MATH 1206 or MATH 1206H or MATH 1226) for 2305.	

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PHYS	2306	Foundations of Physics		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.	
PPWS	2004	Mysterious Mushrooms & Molds				
PPWS	2754	Weeds That Shape Our World				
PSYC	2064	Intro Neuroscience of Behavior		PSYC-1004/UG/P		ABB
SPES	2004	Cannabis Sci Ind & Culture				
UH	2524	Nat Sci & Global Citizenship			Course cannot be repeated for credit.	

### Foundational Quantitative and Computational Thinking (5f)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ACIS	1004	Accounting Foundations			No credit will be given for ACIS 1004 if taken with or after ACIS 2115 or ACIS 2116.	BOLD, INNO, SCOM
ACIS	1504	Intro to Bus Analytics & BI				
ART	2434	Introduction to Creative Code		ART-1604/UG/P		
BIT	2164	Foundations Security Environ	CS 2164, PSCI 2164			ISDA
BIT	2405	Bus Stats Analytics & Model		MATH-1524/UG/P OR (MATH-1225/UG/P AND MATH-1226/UG/P)		
CONS	2304	Consumer and Family Finances				HOSO
CS	1014	Intro Computational Thinking				DTCE, DTDC, INNO, ISDA
CS	1054	Intro to Programming in Java				ISDA
CS	1064	Intro to Programming in Python				DTCE, ISDA
CS	2164	Foundations Security Environ	BIT 2164, PSCI 2164			ISDA

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ENGL	2034	Analyzing Sounds of Language		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		LNGS
FIN	2114	Invest & Financial Literacy				
FREC	1004	Digital Planet	GEOG 1084			BIOD, CLSO, DTDC, THE
GEOG	1084	Digital Planet	FREC 1004			BIOD, CLSO, DTDC, THE
GEOG	1514	Introduction to Meteorology				
HD	2104	Quantitative Community Research	SOC 2104			DTCE, DTDC, HOSO, ISDA, PSSJ
HIST	2604	Intro Data in Social Context	SOC 2604, STS 2604			BOLD, DTCE, DTDC, GBP, HCOM, HOSO, ISDA, MRJ, PSSJ, TFH
ISC	1105	Integrated Science I				
ISC	1106	Integrated Science I		ISC-1105/UG/P		
ISC	1106H	Integrated Science I		ISC-1105/UG/P		
LAR	1254	Environment & Natural Systems				APCE, BLPL, ECOC
MATH	1014	Precalc with Transcendental		Two units of high school algebra and one of plane geometry.		
MATH	1025	Elementary Calculus			1025 partially duplicates 1225.	BLPL
MATH	1026	Elementary Calculus		MATH-1025/UG/P OR MATH-1225/UG/P	1026 partially duplicates 1225 and 1226.	BLPL
MATH	1225	Calculus of a Single Variable		MATH-1214/UG/C-		BLPL
MATH	1226	Calculus of a Single Variable		MATH-1225/UG/C-		BLPL
MATH	1524	Business Calculus		Two units of high school algebra and one of geometry.		
MATH	1535	Geometry Mathematics of Design		Two units of high school algebra and one of geometry.		
MATH	1536	Geometry Mathematics of Design		Two units of high school algebra and one of geometry.		
MGT	2984O	Special Study				
PHIL	1504	Critical Thinking				BOLD
PHIL	1604	How Science Works				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
PHIL	2504	Logic and Language				
PSCI	2164	Foundations Security Environ	BIT 2164, CS 2164			ISDA
REAL	2034	Real Estate Data Analysis		(UAP-2004/UG/P OR REAL-2004/UG/P) AND (REAL-2014/UG/P OR REAL-1014/UG/P OR FIN-2164/UG/P)		HOSO
SOC	2104	Quantitative Community Researc	HD 2104			DTCE, DTDC, HOSO, ISDA, PSSJ
SOC	2604	Intro Data in Social Context	HIST 2604, STS 2604			BOLD, DTCE, DTDC, GBP, HCOM, HOSO, ISDA, MRJ, PSSJ, TFH
STAT	1014	Data in Our Lives				DTDC, HOSO
STAT	2004	Introductory Statistics		MATH-1014/UG/P OR MATH-1025/UG/P OR MATH-1225/UG/P OR MATH-1524/UG/P OR MATH-1525/UG/P	No credit will be given for 2004 if taken with or after any other statistics course, except STAT 2984.	
STS	2604	Intro Data in Social Context	HIST 2604, SOC 2604			BOLD, DTCE, DTDC, GBP, HCOM, HOSO, ISDA, MRJ, PSSJ, TFH
UH	2744	Topics Comp Tech Soc Innov			May be repeated 5 times with different content for a maximum of 6 credits.	

### Advanced Quantitative and Computational Thinking (5a)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAEC	2104	Personal Financial Planning				
ACIS	2024	Small Business Accounting				
ALS	3104	Animal Breeding and Genetics		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)		
ART	3114	Creative Code				



SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
BC	2214	Why Buildings Stand Up		(BC-1224/UG/P OR BC-1124/UG/P) AND MATH-1225/UG/P		
BDS	4194	Predicting Social Behavior	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)		
BIT	2406	Bus Stats Analytics & Model		BIT-2405/UG/P OR (STAT-3005/UG/P AND STAT-3006/UG/P) OR STAT-3604/UG/P OR (STAT-3615/UG/P AND STAT-3616/UG/P) OR STAT-4604/UG/P		
CEE	3804	Computer Applications for CEE				
CMDA	2014	Data Matter		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		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				
CS	2064	Intermediate Prog in Python		CS-1064/UG/P		
CS	3114	Data Structures and Algorithms		(CS-2114/UG/C OR ECE-3514/UG/C) AND (CS-2505/UG/C OR ECE-2564/UG/C) AND (MATH-2534/UG/P OR MATH-3034/UG/P)		
CS	2984E	Special Study				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ECON	3054	Introduction to Forecasting		STAT-3005/UG/P OR BIT-2405/UG/P		
EDCI	4244	Curr & Instr Middle Math 4-8				
ENGE	4104	Applied Exploration Innovation		STS-2254/UG/P AND ENGE-2094/UG/P AND (MGT-4094/UG/P OR ENGE-4094/UG/P OR IDS-4094/UG/P)		
ENGL	4074	Syntax		ENGL-1504/UG/P		LNGS
ENGL	4144	Phonology		ENGL-1504/UG/P		LNGS
FREC	3044	Environmental Data Science		FREC-1044/UG/P OR CMDA-2014/UG/P		BLPL, CLSO, DTDC
FREC	3214	Forest Biometrics		FREC-2214/UG/P AND (MATH-1026/UG/P OR MATH-1226/UG/P)		
FREC	4354	Forest Soil and Watershed Mgmt		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, CLSO
HD	3024	Community Analytics		Sophomore standing.		DTDC, HOSO, ISDA, PSSJ
HIST	2624	Topics Hist Data Soc Context			May be repeated once for up to 6 hours of credit.	DTDC
HTM	4354	IT & Social Media in HTM		Sophomore standing.		EEMG
LAR	3044	Land Analysis & Site Planning				
MATH	2214	Intro Diff Equations		(MATH-1114/UG/P OR MATH-2114/UG/P OR MATH-2114H/UG/P OR MATH-2405H/UG/P OR ISC-2105/UG/P) AND MATH-1226/UG/P	A student can earn credit for at most one of 2214 and 2406H. A student can earn credit for at most one of 2214 and CMDA 2006.	
MATH	2214H	Intro Diff Equations		(MATH-1114/UG/P OR MATH-2114/UG/P OR MATH-2114H/UG/P OR MATH-2405H/UG/P OR ISC-2105/UG/P) AND MATH-1226/UG/P	Partially duplicates 4544.	

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
MKTG	4114	Intro to AI in Mktg		Junior standing.		
PSYC	4194	Predicting Social Behavior	BDS 4194	PSYC-1004/UG/P AND (PSYC-1094/UG/P OR HD-3014/UG/P OR SOC-3204/UG/P) AND (STAT-2004/UG/P OR STAT-3005/UG/P OR STAT-3604/UG/P OR STAT-3615/UG/P OR BIT-2405/UG/P)		
SBIO	2504	Circular Economy Analytics		MATH-1025/UG/P OR MATH-1225/UG/P OR MATH-1524/UG/P OR MATH-1535/UG/P OR MATH-1525/UG/P		PSUS
SPIA	2004	Intro to Urban Analytics				DTDC
SPIA	4464	Data & Art of Policy and Plans				GBP, TFH
STAT	3005	Statistical Methods		MATH-1205/UG/P OR MATH-1225/UG/P	STAT 3005 duplicates STAT 3615 and STAT 4604, only one may be taken for credit. Co: MATH 1206 or MATH 1226 for 3005.	
STAT	3204	Data Visualization		(STAT-1014/UG/P OR STAT-3005/UG/P OR STAT-3604/UG/P OR STAT-3615/UG/P OR STAT-4705/UG/P OR STAT-4706/UG/P OR STAT-4714/UG/P OR CMDA-2005/UG/P OR CMDA-2014/UG/P) AND (COMM-1016/UG/P OR ENGL-1105/UG/P)		

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
STAT	3604	Statistics for Social Science		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		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	STAT 3615 partially duplicates STAT 3005 and STAT 4604, only one may be taken for credit.	
STAT	29840	Special Study				
UH	2514	QuantComp Think Global Citizen			Course cannot be repeated for credit.	
UH	2754	Adv Topic Comp Tech Soc Innov		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.	
UH	2764	Adv Topic Comp Engr Soc Innov		UH-2744/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	

### Critique and Practice in the Arts (6a)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAD	3984M	Special Study				
AHRM	1014	Design and Art for Consumers				INNO, SCOM
ALS	1004	Ag, Arts and Society			1 credit hour	
ALS	1014	Gardens as Art			1 credit hour	
ALS	1024	Digitized Agriculture			1 credit hour	
ALS	1034	The Aesthetics of Food			1 credit hour	
APS	2124	Music Traditions in Appalachia	MUS 2124			APCE
APS	2404	Folk Cultures in Appalachia	HUM 2404			APCE
ARCH	4514	Thesis Inquiry		ARCH-4004/UG/P AND ARCH-4014/UG/P		
ARCH	4524	Thesis Documentation		ARCH-4514/UG/P AND ARCH-4515/UG/P		
ART	1004	Studio Art for Non-Majors			May be repeated with different topics, for a maximum of 12 credit hours. Course fee: \$60.	VAS

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ART	1104	Language of Visual Arts			Resource charge.	VAS
ART	1204	Principles of 2D Art & Design			Resource charge.	VAS
ART	1214	Principles of 3D Art & Design			Resource charge.	VAS
ART	1334	Visual Arts and Culture			Does not count towards the art history major.	
ART	1404	Principles of Drawing			Resource charge.	VAS
ART	1504	Contemporary Art and Practice				VAS
ART	1604	Principles of 4D Art & Design			Resource charge.	VAS
ART	2385	Surv Hist West Art				BOLD, PSUS, VAS
ART	2386	Surv Hist West Art				VAS
ART	2514	Drawing Concepts		ART-1404/UG/C-	Resource charge.	
ART	2524	Introduction To Painting		ART-1204/UG/C- OR ART-1404/UG/C- OR ART-1414/UG/C-	Resource charge.	
ART	2554	Introduction To Sculpture		ART-1214/UG/C-	Resource charge.	
ART	2604	Intro to Creative Tech		ART-1604/UG/P		
ART	2664	Introduction to Photography		ART-1204/UG/C- OR ART-1604/UG/C-	Resource charge.	
ART	3024	Hist Global Print Culture				
ART	3034	Latin American Art & Arch				
ART	3044	Art and Architecture of India				
ART	3054	Islamic Art and Architecture				
ART	3064	Arts of China and Japan				
ART	3074	Egyptian Art and Architecture				
ART	3184	Roman Art and Architecture				
ART	3284	Medieval Art and Architecture				
ART	3384	Renaissance Art				
ART	3484	Baroque Art and Arch				
ART	3584	19th Century Art				
ART	3674	History of Photography				
ART	3684	African-American Art				
ART	3884	American Art to 1914				
ART	4104	Interpretation of Visual Arts		ART-1104/UG/P and six credits of social sciences from Pathways Minor in the Visual Arts and Society checksheet.		VAS
ART	1984M	Special Study				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
BSE	4554	Creating the Ecological City	FREC 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
DANC	2004	Anatomy for Performers				
DANC	2014	Introduction to Dance History				
DANC	2024	Intro to Dance Techniques			May be repeated once with different content for a maximum of 6 credits.	
DANC	2104	Moving Body, Moving Mind	HNFE 2104			
DANC	3024	Int/Adv Dance Techniques		DANC-2024/UG/P	May be repeated 3 times with different content for a maximum of 9 credits.	
ENGE	2984M	Special Study				
ENGL	2744	Intro to Creative Writing		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		DTCE
ENGL	2814	Writing for Podcasts		ENGL-1106/UG/P		
ENGL	3954M	Study Abroad				
FA	2004	Creativity & the Artistic Exp			No prior knowledge of visual, theatrical or musical arts needed.	BOLD
FREC	4554	Creating the Ecological City	BSE 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
GER	3474	Topics in German Cinema			Taught in English. Variable content. May be taken twice for credit with different content.	
HNFE	2104	Moving Body, Moving Mind	DANC 2104			
HORT	2164	Floral Design			Course fee: \$128.	BOLD
HORT	4554	Creating the Ecological City	BSE 4554, FREC 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
HUM	1604	Intro Hum and Arts				
HUM	2204	The Creative Process				DTCE

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HUM	2404	Folk Cultures in Appalachia	APS 2404			APCE
IDS	1114	Play to Make				DTCE
IDS	2114	History of Industrial Design				DTCE
ITDS	1114	Design Appreciation				BOLD, DTCE, EEMG, PSUS
LAR	1264	Understand Represent Landscape				APCE
LAR	4154	Design Built Environment				
LAR	4554	Creating the Ecological City	BSE 4554, FREC 4554, HORT 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
MUS	1005	Theory Fundamentals				
MUS	1104	Music Appreciation				
MUS	1114	Listening in the Digital Age				
MUS	1124	Living a Musical Life			No prior musical training required.	
MUS	2115	Survey of Western Music				
MUS	2116	Survey of Western Music				
MUS	2124	Music Traditions in Appalachia	APS 2124			APCE
MUS	2134	Disability Culture & the Arts			No prior musical training required.	DST
MUS	3064	Digital Sound Manipulation				DTCE
MUS	3314	Instrumental Ensemble Music			May be repeated for a combined maximum of 8 hours. Consent and audition required.	DTCE
MUS	3414	Choral Ensemble Music			May be repeated for a combined maximum of 8 hours. Consent and audition required.	
MUS	3814	Jazz History				
SPIA	4554	Creating the Ecological City	BSE 4554, FREC 4554, HORT 4554, LAR 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
TA	2014	Introduction to Theatre				
TA	2024	Introduction to Acting				PSUS

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
TA	2204	Creative Dance				DTCE
TA	2404	Intro App Collaborative Tech				APCE, BOLD, DTCE, PSUS
TA	2984M	Special Study				
TA	3954F	Study Abroad				
TA	3954M	Study Abroad				
TA	3984M	Special Study				
UH	2824	Arts Tech Innov Soc Impact			May be repeated 2 times with different content for a maximum of 3 credits.	

### Critique and Practice in Design (6d)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAD	3984L	Special Study				
ACIS	4544	Applied Accounting Analytics		ACIS-2504/UG/P AND ACIS-3115/UG/P		
AHRM	1014	Design and Art for Consumers				INNO, SCOM
AHRM	2014	Design for Consumers Studio		AHRM-1014/UG/P		DTCE, INNO
ALS	1004	Ag, Arts and Society			1 credit hour	
ALS	1014	Gardens as Art			1 credit hour	
ALS	1024	Digitized Agriculture			1 credit hour	
ALS	1034	The Aesthetics of Food			1 credit hour	
ALS	4214	Capstone: Civic Ag Food Sys		ALS-2204/UG/P AND ALS-3404/UG/P AND ALS-4204/UG/P		CAFS
ALS	1984L	Special Study				
ALS	2984L	Special Study				
APS	2124	Music Traditions in Appalachia	MUS 2124			APCE
APS	2404	Folk Cultures in Appalachia	HUM 2404			APCE
APSC	2714	Design Precision Anim Ag Syst				
ARCH	2114	Sustainability by Design	UAP 2114			
ARCH	4514	Thesis Inquiry		ARCH-4004/UG/P AND ARCH-4014/UG/P		
ARCH	4524	Thesis Documentation		ARCH-4514/UG/P AND ARCH-4515/UG/P		
ART	1104	Language of Visual Arts			Resource charge.	VAS
ART	1204	Principles of 2D Art & Design			Resource charge.	VAS
ART	1214	Principles of 3D Art & Design			Resource charge.	VAS



SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ART	1234	Topics in Design Non-Majors			May be repeated for up to a maximum of 12 credit hours with varying or different topics.	VAS
ART	1404	Principles of Drawing			Resource charge.	VAS
ART	1604	Principles of 4D Art & Design			Resource charge.	VAS
ART	2554	Introduction To Sculpture		ART-1214/UG/C-	Resource charge.	
ART	2664	Introduction to Photography		ART-1204/UG/C- OR ART-1604/UG/C-	Resource charge.	
ART	3024	Hist Global Print Culture				
ART	3044	Art and Architecture of India				
ART	4014	History Lab: Tech & History	EDCI 4014, HIST 4014	Sophomore standing.		
BMES	3224	Automobile Safety				
BSE	4554	Creating the Ecological City	FREC 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
CEM	3074	Global Design and Construction		Junior standing.		
CS	2114	Softw Des & Data Structures		CS-1114/UG/C OR CS-2064/UG/C		
EDCI	2414	Design Based Biotech Learning				
EDCI	4014	History Lab: Tech & History	ART 4014, HIST 4014	Sophomore standing.		
EDTE	1004	Intro. to I-STEM Ed				
ENGE	1215	Foundations of Engineering				PPE
ENGE	1216	Foundations of Engineering		ENGE-1215/UG/P		PPE
ENGE	1414	Foundations of Engr Practice			Duplicates 1215-16	
ENGE	2094	Create!: Ideation & Innovation				DTCE, INNO, THE
ENGE	4104	Applied Exploration Innovation		STS-2254/UG/P AND ENGE-2094/UG/P AND (MGT-4094/UG/P OR ENGE-4094/UG/P OR IDS-4094/UG/P)		
ENGL	2744	Intro to Creative Writing		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		DTCE

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ENGL	2814	Writing for Podcasts		ENGL-1106/UG/P		
ENGL	3824	Visual Rhetoric and Doc Design		ENGL-1106/UG/P OR COMM-1016/UG/P		INNO
FMD	2014	Digital Drawing				
FMD	2224	Fashion Presentation Technique		AHRM-1014/UG/P		
FREC	3364	Environmental Silviculture		FREC-2324/UG/P		BIOD
FREC	4444	Integ Forest Mgt Practicum		Senior standing.		
FREC	4554	Creating the Ecological City	BSE 4554, HORT 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
GEOG	3314	Cartography				PSUS
HIST	4014	History Lab: Tech & History	ART 4014, EDCI 4014	Sophomore standing.		
HORT	2164	Floral Design			Course fee: \$128.	BOLD
HORT	4554	Creating the Ecological City	BSE 4554, FREC 4554, LAR 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
HTM	3424	Event Management		Sophomore standing.		EEMG, SCOM
HUM	2404	Folk Cultures in Appalachia	APS 2404			APCE
IDS	1114	Play to Make				DTCE
IDS	2124	History Modern Designers				DTCE
ITDS	1114	Design Appreciation				BOLD, DTCE, EEMG, PSUS
ITDS	1224	Intro to Interior Design				
ITDS	3114	Sustainable Design & Biophilia				THE
LAR	1264	Understand Represent Landscape				APCE
LAR	2154	Landscape Architecture History				
LAR	4084	Land Design & Planning Studio		LAR-4014/UG/P		ECOC
LAR	4154	Design Built Environment				
LAR	4554	Creating the Ecological City	BSE 4554, FREC 4554, HORT 4554, SPIA 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
MGT	2064	Foundations Entrepreneurship				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
MUS	1005	Theory Fundamentals				
MUS	2124	Music Traditions in Appalachia	APS 2124			APCE
RED	1604	Intro to Residential Design				
RED	2654	Residential Environments		AHRM-1014/UG/P AND RED-1624/UG/P		
RED	4664	Universal Design				DST, HOSO, PSUS
SPIA	4554	Creating the Ecological City	BSE 4554, FREC 4554, HORT 4554, LAR 4554	HORT-2134/UG/P OR FREC-2134/UG/P and senior standing.		ECOC
STS	3284	Technology and Disability				DTCE, DST, INNO, TFH, THE
TA	2204	Creative Dance				DTCE
TA	2404	Intro App Collaborative Tech				APCE, BOLD, DTCE, PSUS
TA	3954F	Study Abroad				
UAP	2114	Sustainability by Design	ARCH 2114			
UH	2855	Calhoun Trans Fusion Studio				
UH	2856	Calhoun Trans Fusion Studio		UH-2855/UG/P		

### Critical Analysis of Identity and Equity in the United States (7)

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AAEC	3324	Environment Sustain Dev Econ		AAEC-1005/UG/P OR AAEC-1006/UG/P OR ECON-2005/UG/P		BIOD, CAFS, EHWP, GBP, GFSH, HOSO, ILMR, ISDA, PPE, PSSJ, PSUS
AAEC	4464	Water Resources Policy & Econ	FREC 4464, WATR 4464	AAEC-1005/UG/P OR ECON-2005/UG/P		BLPL
AFST	1714	Intro African American Studies				APCE, ILMR, VAS
AFST	2044	Contmpy African Amer Theatre	ENGL 2044, TA 2044			
AFST	2104	African American Linguistics	ENGL 2104	ENGL-1106/UG/P OR COMM-1016/UG/P		
AFST	2204	Race & Gender in Rel & Cult	RLCL 2204, WGS 2204			HOSO, ILMR, MRJ
AFST	2275	African-American History	HIST 2275			
AFST	2276	African-American History	HIST 2276			

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
AFST	2644	Intro African-American Lit	ENGL 2644	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
AFST	2984G	Special Study				
AINS	2414	Identity & Inclusion in Agric	ALCE 2414	ENGL-1106/UG/P		FAS, ILRM
AINS	3174	Native American History	HIST 3174			
AINS	4114	Indigenous Foodways				FAS
ALCE	2414	Identity & Inclusion in Agric	AINS 2414	ENGL-1106/UG/P		FAS, ILRM
ALS	2204	Sustainable Food Systems				APCE, CAFS, FAS
APS	1704	Intro to Appalachian Studies	HUM 1704			APCE, EHWP, ILRM, PSUS
APS	2404	Folk Cultures in Appalachia	HUM 2404			APCE
APS	2434	Cult Politics Music Appalachia				APCE
APS	3124	Societal Health	STS 3124			APCE
APS	3624	Appalachian Literature	ENGL 3624	ENGL-1106/UG/P OR COMM-1016/UG/P		
ARCH	1044	Life in the Built Environment	SPIA 1044			ECOC
ARCH	2004	Architecture and Culture				
ART	3024	Hist Global Print Culture				
ART	3034	Latin American Art & Arch				
ART	3044	Art and Architecture of India				
ART	3684	African-American Art				
ART	3884	American Art to 1914				
ART	4014	History Lab: Tech & History	EDCI 4014, HIST 4014	Sophomore standing.		
BMES	3004	Helmet Design				
CINE	4144	Topics in Cinema Studies		CINE-2054/UG/P	May be repeated 2 times with different content for a maximum of 9 credits.	VAS
COMM	2094	Comm & Issues of Diversity		COMM-1016/UG/P OR ENGL-1106/UG/P		MRJ
COMM	2754H	Topics in Tech Innovation		COMM-1016/UG/P OR ENGL-1105/UG/P	May be repeated 2 times with different content for a maximum of 3 credits.	
CRIM	2504	Crime & Punishment Amer Hist	HIST 2504			
CRIM	3124	Murder in American History	HIST 3124			
DANC	2004	Anatomy for Performers				
DANC	2014	Introduction to Dance History				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
ECON	1104	Economics of Gender				HOSO, PPE
ECON	1204	Economics of Race			Does not count toward ECON major.	HOSO, PPE
ECON	1214	Econ Hist: Diversity&Inclusion				HOSO, PPE
ECON	3034	Poverty and Discrimination		ECON-2005/UG/P		GBP, HOSO
EDCI	2674	Language, Culture, & Learning				
EDCI	3024	Issues of Schooling in the US				
EDCI	4014	History Lab: Tech & History	ART 4014, HIST 4014	Sophomore standing.		
EDCI	3954G	Study Abroad				
EDCO	2004	Healthy Relationships				ABB
ENGE	2524	Service Learning Edu. Outreach		Sophomore standing.		
ENGE	2524H	Service Learning Edu. Outreach				
ENGE	2984G	Special Study				
ENGL	1514	Language and Society				LNGS
ENGL	2044	Contmpry African Amer Theatre	AFST 2044, TA 2044			
ENGL	2104	African American Linguistics	AFST 2104	ENGL-1106/UG/P OR COMM-1016/UG/P		
ENGL	2634	Writing and Social Justice		ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		APCE, EHWB, PSSJ
ENGL	2644	Intro African-American Lit	AFST 2644	ENGL-1106/UG/P OR ENGL-1204H/UG/P OR COMM-1016/UG/P		
ENGL	2724	Intro to Displacement Studies	HIST 2724, LAHS 2724, STS 2724			
ENGL	3624	Appalachian Literature		ENGL-1106/UG/P OR COMM-1016/UG/P		APCE
ENGR	2984G	Special Study				
FMD	1204	Clothing and People				
FREC	4464	Water Resources Policy & Econ	AAEC 4464, WATR 4464	(AAEC-1005/UG/P OR ECON-2005/UG/P)		BLPL
HD	1134	Intro to Disabilities Studies				DST, HOSO
HD	2014	Integrative Health Practices				ABB, GFSSH, PSSJ
HD	3954G	Study Abroad				

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HIST	1084	Introduction to Food Studies	PSCI 1084, RLCL 1084, SOC 1084			FAS
HIST	1115	History of the United States				
HIST	1116	History of the United States				
HIST	1764	History of Rock n Roll				
HIST	2104	Topics in US History			Course may be repeated twice for a maximum of 9 credits.	
HIST	2134	Topics in History on TV			May be repeated once with different content for a maximum of 6 credit hours.	
HIST	2264	America in the 1960s				
HIST	2275	African-American History	AFST 2275			
HIST	2276	African-American History	AFST 2276			
HIST	2494	Cities in History				
HIST	2504	Crime & Punishment Amer Hist	CRIM 2504			
HIST	2514	U.S. Food History				FAS
HIST	2534	America at War				
HIST	2544	U.S. South: Pre-Col to 1865				
HIST	2554	U.S. South: 1865 to Present				
HIST	2724	Intro to Displacement Studies	ENGL 2724, LAHS 2724, STS 2724			
HIST	3124	Murder in American History	CRIM 3124			
HIST	3164	Sexuality in American History				
HIST	3174	Native American History	AINS 3174			
HIST	3724	Disease, Med, & Health				ABB, EHWP
HIST	4014	History Lab: Tech & History	ART 4014, EDCI 4014	Sophomore standing.		
HTM	4434	Event & Experience Workshop		HTM-3424/UG/P; senior Standing; registered for the Event and Experience Management Pathways Minor.		EEMG

SUBJECT	COURSE	COURSE TITLE	CROSSLIST	PREREQUISITES	OTHER INFORMATION	PATHWAYS MINORS
HUM	1704	Intro to Appalachian Studies	APS 1704			APCE, EHWB, ILRM, PSUS
HUM	2404	Folk Cultures in Appalachia	APS 2404			APCE
HUM	3034	Theories of Popular Culture	RLCL 3034			
HUM	3034H	Theories of Popular Culture	RLCL 3034H			
IS	1004	Nations and Nationalities	PSCI 1004			
IS	2484	Religion and Politics	PSCI 2484, RLCL 2484			MRJ
LAHS	2224	Topics in Latinx Culture		SPAN-2764/UG/P	Course may be repeated one time with different content for a maximum of 6 credits.	
LAHS	2724	Intro to Displacement Studies	ENGL 2724, HIST 2724, STS 2724			
LAHS	1984G	Special Study				
LAHS	2984G	Special Study				
MGT	2204	Global Business of Pop Culture				BOLD, GBP
MGT	3444	Multi Diversity in Orgs		Junior standing.		BOLD, GBP, HOSO, PPE, PSUS, SCOM
MGT	4334	Ethical Leadership		MGT-2354/UG/P OR MGT-3304/UG/P OR MGT-3404/UG/P		BOLD, GBP, ILRM, PPE
MGT	2984G	Special Study				
MUS	1124	Living a Musical Life			No prior musical training required.	
MUS	1134	Music of the Americas				
MUS	2134	Disability Culture & the Arts			No prior musical training required.	DST
MUS	3194	Histories of Music II		MUS-3174/UG/P		
PHIL	2314	Phil of Sex, Gender, Race				
PHIL	3614	Philosophy of the Environment				
PM	4744	Housing Challenges & Policies				HOSO
PPE	1004	Intro Philosophy Politics Econ			First-Year Experience course.	
PPE	1214	Econ Hist: Diversity&Inclusion	ECON 1214			

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PSCI	1004	Nations and Nationalities	IS 1004			
PSCI	1014	US Gov & Politics				PPE, STL
PSCI	1084	Introduction to Food Studies	HIST 1084, RLCL 1084, SOC 1084			FAS
PSCI	2484	Religion and Politics	IS 2484, RLCL 2484			MRJ
PSCI	1014H	Honors US Gov & Politics				
PSYC	3024	Human Behaviors Nat Environ		PSYC-1004/UG/P		EHWB
PSYC	4154	Bilingual Develop. & Cognition		PSYC-1004/UG/P OR PSYC-1524/UG/P OR ENGL-1524/UG/P OR ENGL-1504/UG/P OR HD-1004/UG/P		
RED	4224	Historic Preservation		AHRM-1014/UG/P		
RED	4604	Environ & Sustain Housing				ECOC, HOSO
RED	4604H	Environ & Sustain Housing				
RLCL	1084	Introduction to Food Studies	HIST 1084, PSCI 1084, SOC 1084			FAS
RLCL	2124	Religion in American Life				
RLCL	2204	Race & Gender in Rel & Cult	AFST 2204, WGS 2204			HOSO, ILRM, MRJ
RLCL	2484	Religion and Politics	IS 2484, PSCI 2484			MRJ
RLCL	2514	Asian American Experience	SOC 2514			ILRM
RLCL	3034	Theories of Popular Culture	HUM 3034			
RLCL	3034H	Theories of Popular Culture	HUM 3034H			
SOC	1004	Introductory Sociology				VAS
SOC	1084	Introduction to Food Studies	HIST 1084, PSCI 1084, RLCL 1084			FAS
SOC	2004	Social Problems				HOSO, ILRM, PSSJ
SOC	2014	Soc Intimate Relationships				
SOC	2024	Soc of Race and Ethnicity				ILRM
SOC	2034	Diversity Community Engagement				APCE, EEMG, GBP, HCOM, HOSO, ILRM, PSSJ



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SOC	2514	Asian American Experience	RLCL 2514			ILRM
SOC	2744	Black Food in the US				
SOC	3314	Social Movements		SOC-1004/UG/P		HOSO, PSSJ
SOC	3404	Environmental Justice				
SPAN	3514	Span Medical Professions		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3534	Spanish Business Professions		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3564	Community through Service		SPAN-3304/UG/P	Taught in Spanish.	
SPAN	3574	Spanish for Legal Professions		SPAN-3304/UG/P	Taught in Spanish.	
SPES	2244	World Crops: Food and Culture				FAS, GFSH
SPIA	1044	Life in the Built Environment	ARCH 1044			ECOC
SPIA	2554	Collaborative Policy & Plan				ILRM, THE
SPIA	3704	Urban Contention & Mobilztn				
STS	2034	Intro to Technology and Race				TFH
STS	2664	Technology Ethics				TFH
STS	2724	Intro to Displacement Studies	ENGL 2724, HIST 2724, LAHS 2724			
STS	3124	Societal Health	APS 3124			APCE
STS	3734	History of Modern Biology	HIST 3734			
TA	2044	Contmpy African Amer Theatre	AFST 2044, ENGL 2044			
TA	2984G	Special Study				
WATR	4464	Water Resources Policy & Econ	AAEC 4464, FREC 4464	(AAEC-1005/UG/P OR ECON-2005/UG/P)		BLPL
WGS	1114	Intro to LGBTQ+ Lives				
WGS	2204	Race & Gender in Rel & Cult	AFST 2204, RLCL 2204			HOSO, ILRM, MRJ
WGS	2224	Creativity, Power, & Politics				