

Sustainability and Innovation

Program Requirements

General Education Requirements

CIVC 101	Introduction to Civic Engagement	1.0
COOP 101	Career Management and Professional Development †	1.0
UNIV C101	The Drexel Experience	1.0
ENGL 101	Composition and Rhetoric I: Inquiry and Exploratory Research ()	3.0
or ENGL 111	English Composition I	
ENGL 102	Composition and Rhetoric II: Advanced Research and Evidence-Based Writing	3.0
or ENGL 112	English Composition II	
ENGL 103	Composition and Rhetoric III: Themes and Genres	3.0
or ENGL 113	English Composition III	
ACCT 120	Accounting Essentials for New Ventures	4.0
COM 230	Techniques of Speaking	3.0
PHIL 105	Critical Reasoning	3.0
ECON 201	Principles of Microeconomics	4.0
ECON 202	Principles of Macroeconomics	4.0
Social and Behavioral Science		
PSY 101	General Psychology I	3.0
SOC 101	Introduction to Sociology	3.0
Select ONE of the following sequences		8.0
MATH 101	Introduction to Analysis I	
& MATH 102	and Introduction to Analysis II	
MATH 121	Calculus I	
& MATH 122	and Calculus II	
Select ONE of the following sequences		8.0
BIO 107	Cells, Genetics & Physiology	
& BIO 108	and Cells, Genetics and Physiology Laboratory	
& BIO 109	and Biological Diversity, Ecology & Evolution	
& BIO 110	and Biological Diversity, Ecology and Evolution Laboratory	
GEO 101	Physical Geology	
& GEO 102	and History of the Earth	
Choose one of the following Writing Intensive Courses		3.0
COM 270 [WI]	Business Communication	
COM 310 [WI]	Technical Communication	
COM 317 [WI]	Environmental Communication	
COM 320 [WI]	Science Writing	
COM 375 [WI]	Grant Writing	
Two Humanities and Fine Arts		6.0
Choose from Africana Studies (AFAS), English (ENGL), Humanities-General (HUM), Global Studies (GST), Jewish Studies (JWST), Philosophy (PHIL), Women's & Gender Studies (WGST); Any course from the Westphal College of Media Arts and Design		
Two Technology Courses		6.0
Choose from Computer Science (CS), Information Science & Systems (INFO), Management Information Systems (MIS), Software Engineering (SE)		
Select TWO of the following		6.0
PHIL 251	Ethics	
PHIL 301	Business Ethics	
PHIL 305	Ethics and the Media	
PHIL 311	Ethics and Information Technology	
PHIL 315	Engineering Ethics	
PHIL 321	Biomedical Ethics	
PHIL 335	Global Ethical Issues	
PHIL 340	Environmental Ethics	
Core Requirements		
ENTP 100	Innovation Ecosystem	1.0

ENTP 105	Entrepreneurial Thinking	3.0
ENTP 205	Ready, Set, Fail	3.0
ENTP 210 [WI]	Leading Start-Ups	3.0
ENTP 215	Building Entrepreneurial Teams	3.0
ENTP 225 [WI]	Mindfulness & Wellbeing	3.0
ENTP 250	Ideation	3.0
ENTP 260	Curiosity, Ecology, Empathy & Ethic	3.0
ENTP 270	Social Entrepreneurship	3.0
ENTP 275	Diversity Entrepreneurship	3.0
ENTP 290	An Entrepreneur's Introduction to Land: Its Essence, Ethics, and Opportunity	3.0
ENTP 375	3BL - Triple Bottom Line	3.0
ENTP 440	Launch It!: Early Stage	3.0
or ENTP 445	GreenStart: Applying Entrepreneurship to Cultivate Sustainable Solutions	
Innovation Electives (Choose 5) **		15.0-18.0
CRTV 301	Foundations in Creativity	
CRTV 302	Tools and Techniques in Creativity	
CRTV 303	Creativity in the Workplace	
ENTP 285	Organizational Development and Change for Corporate Entrepreneurs	
ENTP 325	Early Stage Venture Funding	
ENTP 329	Entrepreneurship & New Technologies	
ENTP 340	Managing Entrepreneurial Growth	
ENTP 350	Dynamics of the Family Firm	
ENTP 360	Franchising	
ENTP 370	Global Entrepreneurship	
ENTP 385	Innovation in Established Companies	
ENTP 390	Energy Entrepreneurship	
ENTP 450	Launch It!	
MKTG 201	Introduction to Marketing Management	
MKTG 368	Corporate Responsibility Management	
SCTS 202	Innovation and Social Justice	
Sustainability Electives (Choose 5) ***		15.0-20.0
DSMR 210	Presentation Techniques Design and Merchandising	
DSMR 475	Design and Merchandising in the Circular Economy	
ENSS 120	Introduction to Environmental Studies	
ENSS 244	Sociology of the Environment	
ENVS 275	Global Climate Change	
ENSS 283	Introduction to Environmental Policy	
ENSS 285	Introduction to Urban Planning	
ENSS 346	Environmental Justice	
ENVS 260	Environmental Science and Society	
ENVS 289	Global Warming, Biodiversity and Your Future	
PBHL 101	Public Health 101	
PSCI 305	Social Development: A Global Approach	
PSCI 336	Political Economy of Climate Change	
PSCI 338	Cities and Climate Change	
SOC 115	Social Problems	
SOC 349	Sociology of Disasters	
Required Academic Minor		24.0
Free Electives		18.0
Total Credits		182.0-190.0

* Students not participating in co-op will take one additional credit of Free Elective instead of COOP 101.

** ENTP SPECIAL TOPICS courses (ENTP T180, ENTP T280, ENTP T380, ENTP T480) may be substituted at the Close School discretion

*** Other courses may be substituted with departmental and advisor approval.

† May not be a Close School minor.

Sample Plan of Study

5-Year Coop Spring/Summer Cycle

First Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ENGL 101 or 111	3.0 CIVC 101	1.0 ACCT 120	4.0 VACATION	
ENTP 100	1.0 ENGL 102 or 112	3.0 COOP 101*	1.0	
ENTP 105	3.0 ENTP 205	3.0 ENGL 103 or 113	3.0	
ENTP 250	3.0 ENTP 215	3.0 ENTP 290	3.0	
MATH 101 or 121	4.0 ENTP 270	3.0 Innovation Elective	3.0-4.0	
UNIV 101C	1.0 MATH 102 or 122	4.0 Social/ Behavioral Science Course	3.0	
	15	17	17-18	0

Second Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ECON 201	4.0 COM 230	3.0 COOP EXPERIENCE	COOP EXPERIENCE	
ENTP 225	3.0 ECON 202	4.0		
BIO 107 & BIO 108	4.0 ENTP 275	3.0		
OR	PHIL 105	3.0		
GEO 101	BIO 109 & BIO 110	4.0		
Sustainability Elective	3.0-4.0 OR			
Required Minor Course	3.0 GEO 102			
	17-18	17	0	0

Third Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ENTP 210	3.0 ENTP 260	3.0 COOP EXPERIENCE	COOP EXPERIENCE	
Sustainability Elective	3.0-4.0 Sustainability Elective	3.0-4.0		
Fine Arts/ Humanities Course	3.0 Ethics Course	3.0		
Required Minor Course	3.0 Required Minor Course	3.0		
Technology Course	3.0 Social/ Behavioral Science Course	3.0		
	15-16	15-16	0	0

Fourth Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
Innovation Elective	3.0-4.0 Sustainability Elective	3.0-4.0 COOP EXPERIENCE	COOP EXPERIENCE	
Fine Arts/ Humanities Course	3.0 Innovation Elective	3.0-4.0		
Non-major Writing Intensive Course	3.0 Ethics Course	3.0		
Required Minor Course	3.0 Required Minor Course	3.0		

Technology Course	3.0 Free Elective	3.0		
	15-16	15-17	0	0
Fifth Year				
Fall	Credits Winter	Credits Spring	Credits	
ENTP 440 or 445	3.0 Innovation Elective	3.0-4.0 ENTP 375	3.0	
Innovation Elective	3.0-4.0 Required Minor Course	3.0 Required Minor Course	3.0	
Sustainability Elective	3.0-4.0 Free Electives	9.0 Free Electives	6.0	
Required Minor Course	3.0			
	12-14	15-16	12	
Total Credits 182-192				

* Co-op cycles may vary. Students are assigned a co-op cycle (fall/ winter, spring/summer, summer-only) based on their co-op program (4-year, 5-year) and major. COOP registration is determined by the co-op cycle assigned and may be scheduled in a different term. Select students may be eligible to take COOP 001 in place of COOP 101.

4-Year COOP Spring/Summer Cycle

First Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ENGL 101 or 111	3.0 CIVC 101	1.0 ACCT 120	4.0 VACATION	
ENTP 100	1.0 ENGL 102 or 112	3.0 COOP 101*	1.0	
ENTP 105	3.0 ENTP 205	3.0 ENGL 103 or 113	3.0	
ENTP 250	3.0 ENTP 215	3.0 ENTP 290	3.0	
MATH 101 or 121	4.0 ENTP 270	3.0 Innovation Elective	3.0-4.0	
UNIV C101	1.0 MATH 102 or 122	4.0 Social/ Behavioral Science Course	3.0	
	15	17	17-18	0

Second Year				
Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ECON 201	4.0 COM 230	3.0 ENTP 210	3.0 ENTP 260	3.0
ENTP 225	3.0 ECON 202	4.0 Sustainability Elective	3.0-4.0 Sustainability Elective	3.0-4.0
BIO 107 & BIO 108	4.0 ENTP 275	3.0 Fine Arts/ Humanities Course	3.0 Ethics Course	3.0
OR	PHIL 105	3.0 Required Minor Course	3.0 Required Minor Course	3.0
GEO 101	BIO 109 & BIO 110	4.0 Technology Course	3.0 Social/ Behavioral Science Course	3.0
Sustainability Elective	3.0-4.0 OR			
Required Minor Course	3.0 GEO 102			
	17-18	17	15-16	15-16

Third Year

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
Innovation Elective	3.0-4.0 Sustainability Elective	3.0-4.0 COOP EXPERIENCE	COOP EXPERIENCE	
Fine Arts/ Humanities Course	3.0 Innovation Elective	3.0-4.0		
Non-major Writing Intensive Course	3.0 Ethics Course	3.0		
Required Minor Course	3.0 Required Minor Course	3.0		
Technology Course	3.0 Free Elective	3.0		
15-16		15-17	0	0

Fourth Year

Fall	Credits Winter	Credits Spring	Credits
ENTP 440 or 445	3.0 Innovation Elective	3.0-4.0 ENTP 375	3.0
Innovation Elective	3.0-4.0 Required Minor Course	3.0 Required Minor Course	3.0
Sustainability Elective	3.0-4.0 Free Electives	9.0 Free Electives	6.0
Required Minor Course	3.0		
12-14		15-16	12

Total Credits 182-192

* Co-op cycles may vary. Students are assigned a co-op cycle (fall/winter, spring/summer, summer-only) based on their co-op program (4-year, 5-year) and major. COOP 101 registration is determined by the co-op cycle assigned and may be scheduled in a different term. Select students may be eligible to take COOP 001 in place of COOP 101.

4-YR No COOP

First Year

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ENGL 101 or 111	3.0 CIVC 101	1.0 ACCT 120	4.0 VACATION	
ENTP 100	1.0 ENGL 102 or 112	3.0 ENGL 103 or 113	3.0	
ENTP 105	3.0 ENTP 205	3.0 ENTP 290	3.0	
ENTP 250	3.0 ENTP 215	3.0 Innovation Elective	3.0-4.0	
MATH 101 or 121	4.0 ENTP 270	3.0 Social/ Behavioral Science Course	3.0	
UNIV C101	1.0 MATH 102 or 122	4.0		
15		17	16-17	0

Second Year

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
ECON 201	4.0 COM 230	3.0 ENTP 210	3.0 VACATION	
ENTP 225	3.0 ECON 202	4.0 Sustainability Elective	3.0-4.0	
BIO 107 & BIO 108	4.0 ENTP 275	3.0 Fine Arts/ Humanities Course	3.0	

OR	PHIL 105	3.0 Required Minor Course	3.0
GEO 101	BIO 109 & BIO 110	4.0 Technology Course	3.0
Required Minor Course	3.0 OR		
Sustainability Elective	3.0-4.0	GEO 102	
17-18		17	15-16

Third Year

Fall	Credits Winter	Credits Spring	Credits
Innovation Elective	3.0-4.0 ENTP 260	3.0 Sustainability Elective	3.0-4.0
Fine Arts/ Humanities Course	3.0 Sustainability Elective	3.0-4.0 Innovation Elective	3.0-4.0
Non-major Writing Intensive Course	3.0 Ethics Course	3.0 Ethics Course	3.0
Required Minor Course	3.0 Required Minor Course	3.0 Required Minor Course	3.0
Technology Course	3.0 Social/ Behavioral Science Course	3.0 Free Elective	4.0
15-16		15-16	16-18

Fourth Year

Fall	Credits Winter	Credits Spring	Credits
ENTP 440 or 445	3.0 Innovation Elective	3.0-4.0 ENTP 375	3.0
Innovation Elective	3.0-4.0 Required Minor Course	3.0 Required Minor Course	3.0
Sustainability Elective	3.0-4.0 Free Electives	9.0 Free Electives	6.0
Required Minor Course	3.0		
12-14		15-16	12

Total Credits 182-192