DREXEL UNIVERSITY
Pennoni
Honors College

CATALOG
2024-2025

UNDERGRADUATE

catalog.drexel.edu

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The Pennoni Honors College

About the College

The mission of Drexel University's Pennoni Honors College (http://www.drexel.edu/pennoni/) is to enrich the University experience for talented and ambitious students from all majors. The Pennoni Honors College has a range and depth of offerings unique among Honors Colleges in the country. Involvement with the College helps students become the best they can be: broadly educated, socially engaged, and culturally and intellectually fulfilled.

The Pennoni Honors College is made up of the following units:

- Academic Programs (https://drexel.edu/pennoni/academics/overview/)
    - Offerings include the Honors Program (https://drexel.edu/pennoni/academics/honors/) as well as the Custom-Designed Major (https://drexel.edu/pennoni/academics/custom-designed-major/), the Interdisciplinary Problem Solving Minor (https://drexel.edu/pennoni/academics/interdisciplinary-minor/), and The Symposium (https://drexel.edu/pennoni/academics/the-symposium/), which are housed within the Center for Interdisciplinary Inquiry.
- Undergraduate Research & Enrichment Programs (https://drexel.edu/pennoni/urep/overview/)
    - Offerings include the STAR Scholars Program (https://drexel.edu/pennoni/urep/undergraduate-research/STAR-scholars/), SuperNova Research Fellows Program (https://drexel.edu/pennoni/urep/undergraduate-research/supernova-research-fellows/), Fellowship Advising (https://drexel.edu/pennoni/urep/fellowships/) and Enrichment Programs (https://drexel.edu/pennoni/urep/enrichment-programs/) such as Aspire Scholars (https://drexel.edu/pennoni/urep/enrichment-programs/aspire-scholars/).
- The Center for Civil Discourse (https://drexel.edu/pennoni/center-for-civil-discourse/overview/)
    - (https://drexel.edu/pennoni/center-for-civil-discourse/overview/)Offerings include Pennoni Panels (https://drexel.edu/pennoni/center-for-civil-discourse/pennoni-panels/), Wednesdays at Bentley (https://drexel.edu/pennoni/center-for-civil-discourse/wednesdays-at-bentley/), The Civil Discourse (https://drexel.edu/pennoni/center-for-civil-discourse/the-civil-discourse/), and Dean's Teas (https://drexel.edu/pennoni/center-for-civil-discourse/deans-teas/).
- The Marketing & Media (https://drexel.edu/pennoni/marketing-media/overview/) Department
    - Offerings include The Smart Set (https://www.thesmartset.com/)online arts and culture journal, Pop, the Question (https://www.popqpodcast.com/) podcast, and Honor Bound (https://drexel.edu/pennoni/marketing-media/honor-bound-magazine/) magazine.

Students interested in applying to the Honors Program may do so as incoming first year students, current Drexel students in their freshman or sophomore year, or through the Transfer student admissions process. All other programs and initiatives in the College are open to all students at the University with the appropriate interests and record of achievement.

The Pennoni Honors College was endowed by Annette and C.R. "Chuck" Pennoni, CEO of Pennoni Associates. Mr. Pennoni, a Drexel graduate, was a two-time interim president of the University. He embodies the qualities of leadership, integrity, intellectual curiosity, and commitment to Drexel and the larger world that the College seeks to imbue in its students. With the help of a gift from Greg Bentley, CEO of Bentley Systems, and his wife Caroline, Drexel University opened Bentley Hall in 2020, a combined residence, programming, seminar, and office space.

Major

- Custom-Designed Major (p. 4)

Minor

- Interdisciplinary Problem-Solving (p. 9)

Honors Program

Overview

The Honors Program is a unique layer to the Drexel student experience in that it offers a multitude of opportunities both inside and outside of the classroom for students to explore their academic interests. Through the Honors Program, students engage in coursework outside of their major plan of study in pursuit of additional breadth and depth to their education.

Program Requirements

The program and coursework requirements below apply to students who have joined the Honors Program in Fall 2019 to present. To view program requirements for Honors admit years prior to 2019, please visit our website at https://drexel.edu/pennoni/academics/honors/academics/requirements/

- The Honors Program requires a total of 16.0 credit hours of coursework.
- Students must maintain a 3.2 cumulative GPA
- Students must receive a minimum of "B" grade in each undergraduate course applied to satisfy Honors Program Requirements

Required Coursework

HNRS Coursework		5.0
Students must complete 5 credit hours of coursework in the HNRS subject code. Options may include:		
HNRS 200	Introduction to Honors Program	
HNRS 201	Honors Seminar	
HNRS 203	Honors Seminar in Civic Engagement	
HNRS 301	Honors Colloquium	
HNRS 302	The Symposium	
HNRS 303	Honors Colloquium: Arts and Culture	
HNRS 304	Honors Colloquium: STEM	
HNRS 305	Honors Colloquium: Sociological and Behavior Studies	
HNRS 306	Honors Colloquium: History and Philosophy	
HNRS 307	Honors Colloquium: Business	
HNRS 430	Community Engagement	
HNRS I199	Independent Study in HNRS	
HNRS I299	Independent Study in HNRS	
HNRS I399	Independent Study in HNRS	
HNRS I499	Independent Study in HNRS	
HNRS T180	Special Topics in HNRS	
HNRS T380	Special Topics in HNRS	
HNRS T480	Special Topics in HNRS	
Elective Coursework		**11.0**
Students must complete 11 credit hours of Honors elective coursework. Options may include:		
• Any courses in the HNRS subject code		
• Honors Sections within other disciplines		
• Honors Option Projects		
• A maximum of 6 graduate credits may be applied to satisfy Honors elective coursework requirements.		
• For any courses not on this list, students must seek prior approval from their Honors Academic Advisor.		
Total Credits		**16.0**

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Honors with Distinction

Overview

The Honors with Distinction path within the Honors Program is an opportunity for students to further enhance their education through coursework that emphasizes citizenship, global perspective, and self-reflection. Honors with Distinction exemplifies the breadth and depth of the Honors Program by offering a balance between flexibility for students to take courses that pique their interest and the intellectual rigor of requirements that deepen their learning across diverse perspectives.

Program Requirements

The program requirements below apply to students who have declared Honors with Distinction in Fall 2023 to present. To view Honors with Distinction program requirements for admit years prior to 2023, please visit our website at https://drexel.edu/pennoni/academics/honors/academics/requirements/.

- Honors with Distinction requires a total of 24 credit hours of coursework.
- Students must maintain a 3.5 cumulative GPA.
- With the exception of the Civic Foundations course series, students must receive a minimum 'B' grade in each undergraduate course applied to satisfy Honor with Distinction requirements. Courses in the Civic Foundations series follow the university grade minimum requirements of 'D' or above.

Required Coursework

Honors Civic Foundations		5.0
First Year Admits:		
All incoming First-Year students must complete the following course sequence within their first year at Drexel:		
CIVC 101	Introduction to Civic Engagement (Honors section required; Taken in Fall of first year)	
HNRS 203	Honors Seminar in Civic Engagement (Taken in Winter of first year)	
ENGL 103	Composition and Rhetoric III: Themes and Genres (Honors section required; Taken in Spring of first year)	
Current Student and Transfer Admits:		

Students who join the Honors Program in either their Sophomore or Junior year must complete 5 credits of any HNRS courses with the Honors Civic Foundations (HCIV) attribute in lieu of the Civic Foundations first-year course series.		
Honors Experiential Learning		**3.0**
HNRS 430	Community Engagement	1.0-3.0
Students may enroll in an Honors Section or complete an Honors Option Project of any of the following course types:		
• HNRS courses with the Honors Experiential (HEXP) attribute		
• Community Based Learning (CBL)		
• Alternative Spring Break (ASB)		
• For any courses not on this list, students must seek prior approval from their Honors Academic Advisor.		
Honors Reflection		**3.0**
HNRS 455	Honors Reflection Seminar	3.0
Students must complete 3 credit hours of Honors Reflection coursework in either the Fall or Spring of Junior or Senior Year [*]		
Honors Global Perspective		**3.0**
Students may enroll in an Honors Section or complete an Honors Option Project of any of the following course types:		
• HNRS courses with the Honors Global Perspective (HCLO) attribute		
• Intensive-Course Abroad (ICA)		
• Global Classroom Courses		
• Study Abroad Honors Option Project [**]		
• Foreign Language Courses		
• 300- or 400- level GST		
• 300- or 400- level IST		
Elective Coursework		**10.0**
Students must complete 10 credit hours of Honors elective coursework. Options may include:		
• Any courses in the HNRS subject code		
• Honors Sections within other disciplines		
• Honors Option Projects		
• A maximum of 9 graduate credits may be applied to satisfy Honors with Distinction elective coursework requirements.		
• For any courses not on this list, students must seek prior approval from their Honors Academic Advisor.		
Total Credits		**28.0-30.0**

[*]

See Honors Academic Advisor for options

[**]

To discuss study abroad Honors Options, please contact HonorsProgram@drexel.edu for additional information.

Custom-Designed Major BS

Major: Custom-Designed Major
Degree Awarded: Bachelor of Science (BS)
Calendar Type: Quarter
Minimum Required Credits: 180.0
Co-op Options: Three Co-op (Five years); One Co-op (Four years)
Classification of Instructional Programs (CIP) code: 24.0101
Standard Occupational Classification (SOC) code: 11-9199

About the Program

The Custom-Designed Major enables students to pursue an individualized, interdisciplinary course of study at Drexel University not readily available through an existing major, or a combination of existing majors and/or minors. The program is designed for highly motivated students whose academic curiosity and career ambitions cannot be satisfied by a traditional major. Students typically interested in pursuing a Custom-Designed Major are motivated by a particular theme, topic, issue, or problem that can be more holistically addressed by combining multiple disciplines and fields of knowledge.

The major offers students the opportunity for an early intensive research experience, incorporates cooperative education as part of its degree requirements (either four years with one co-op, or five years with three co-ops), and culminates in an original, interdisciplinary senior year project.

Each student accepted into the program will be advised by the program staff and closely mentored during their senior year by one or more Drexel faculty members with expertise in at least one of the disciplines composing the student's proposed course of study. Students may be admitted by internal or external transfer. Incoming first-year students interested in Custom-Designed Major should apply to the First Year Exploratory Studies (FYES) program; for the students entering FYES with Custom-Designed already in mind as their major, part of their time in FYES will be spent formulating their formal application to the major. Current Drexel students seeking a change of major to Custom-Designed must have final applications submitted by Week One of

the summer term preceding their junior year, so that they have a minimum of 5 academic terms in the major prior to graduation. Students **do not** need to be members of the Honors Program to be eligible to apply to the program.

Additional Information

For more information about this program, please visit the Custom-Designed Major webpage (https://drexel.edu/pennoni/academics/custom-designed-major/).

For additional questions, please contact either Associate Director Dr. Katie Barak at ksb89@drexel.edu or Director of Academic Programs Dr. Kevin D. Egan kde25@drexel.edu.

Admission Requirements

Applicants may apply to the Custom-Designed Major (CSDN) as incoming, first-year students, current Drexel students, and transfer students. Please visit the CSDN application webpage (https://drexel.edu/pennoni/academics/custom-designed-major/apply/) for the most up-to-date information about how to apply, application materials, and setting up an introductory meeting to learn more about the program with the CSDN staff. Please note: Students do not need to be members of the Honors Program in order to apply to the major.

Degree Requirements

Foundation Requirements		
CIVC 101	Introduction to Civic Engagement	1.0
COOP 101	Career Management and Professional Development [*]	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	
CSDN 101 [WI]	Introduction to Multi-Disciplinary Perspectives	1.0
CSDN 102	Knowledge by Design Seminar	1.0
CSDN 203	Custom-Designed Major Seminar	1.0
CSDN 210 [WI]	Methods of Interdisciplinary Inquiry	3.0
CSDN 220 [WI]	Integrative Research Methods	3.0
CSDN 304	Custom-Designed Major Proj I	3.0
CSDN 305	Custom-Designed Major Project II	3.0
CSDN 306	Custom-Designed Major Project III	3.0
UNIV PE101	The Drexel Experience	1.0
Humanities electives [**]		9.0
Mathematics electives [***]		6.0
Science electives [†]		8.0
Social Sciences electives [††]		9.0
Individualized Course Requirements [†††]		**118.0**
	Individualized course requirements make up the bulk of the student's curriculum. These courses are selected from across multiple disciplines, and they must demonstrate interdisciplinary breadth (e.g. cannot replicate preexisting major curricula) and intellectual depth (e.g. significant advanced coursework). Typically, at least three different disciplines will be represented by individualized course requirements. Built out in the student's proposed plan of study, these courses are approved by CSDN advisers, departmental representatives, and/or expert faculty during the application process. Students work with their CSDN advisers quarterly to determine updated course selections and sequencing.	
Total Credits		**180.0**

[*]

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.

[**]

Any 100-level course and above in the following subjects: AFAS, ARBC, ARTH, CHIN, COM, ENGL, FREN, GER, HBRW, HIST, ITAL, JAPN, JWST, KOR, LING, PHIL, RELS, SPAN, WRIT, or WGST.

[***]

Any 100-level course and above in the following subjects: HSCI 345, HSCI 350, MATH, or STAT

[†]

Any 100-level course and above in the following subjects: AE, ANAT, BET, BIO, CAE, CAEE, CHE, CHEM, CI, CIVE, CS, CT, ECE, ECEC, ECEE, ECEP, ECES, EET, EGMT, ENGR, ENSS, ENVE, ENVS, GEO, HSCI, INDE, INFO, MATE, MEM, MET, MHT, NFS, PHEV, PHYS, SE, or SYSE.

††
Any 100-level course and above in the following subjects: AFAS, ANTH, CJS, COM, ECON, GST, LING, PPE, PSCI, PSY, SCTS, SOC, or WGST.

†††
Three 300- or 400-level courses in each discipline comprising a significant component of the custom-designed curriculum. All prerequisite courses for these selected courses must also be satisfied.

Writing-Intensive Course Requirements

In order to graduate, all students must pass three writing-intensive courses after their freshman year. Two writing-intensive courses must be in a student's major. The third can be in any discipline. Students are advised to take one writing-intensive class each year, beginning with the sophomore year, and to avoid "clustering" these courses near the end of their matriculation. Transfer students need to meet with an academic advisor to review the number of writing-intensive courses required to graduate.

A "WI" next to a course in this catalog may indicate that this course can fulfill a writing-intensive requirement. For the most up-to-date list of writing-intensive courses being offered, students should check the Writing Intensive Course List (https://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/faculty-programs/#writing-intensive-list) at the University Writing Program (http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/). (http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/drexel-writing-center/) Students scheduling their courses can also conduct a search for courses with the attribute "WI" to bring up a list of all writing-intensive courses available that term.

Sample Plan of Study

4 year, one co-op in Fall/Winter

First Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
CSDN 101	1.0	CSDN 102	1.0	CIVC 101	1.0	VACATION	
ENGL 101	3.0	ENGL 102	3.0	ENGL 103	3.0		
UNIV PE101	1.0	Humanities Elective	3.0	Individualized Requirements	6.0		
Individualized Requirements	9.0	Individualized Requirements	6.0	Math Elective	3.0		
		Math Elective	3.0	Social Science Elective	3.0		
	14		**16**		**16**		**0**

Second Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
Individualized Requirements	9.0	COOP 101*	1.0	CSDN 210	3.0	Individualized Requirements	16.0
Science Elective	4.0	CSDN 203	1.0	Humanities Elective	3.0		
Social Science Elective	3.0	Humanities Elective	3.0	Individualized Requirements	6.0		
		Individualized Requirements	6.0	Social Science Elective	3.0		
		Science Elective	4.0				
	16		**15**		**12**		**16**

Third Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
COOP EXPERIENCE		COOP EXPERIENCE		CSDN 220	3.0	Individualized Requirements	15.0
				Individualized Requirements	12.0		
	0		**0**		**15**		**15**

Fourth Year

Fall	Credits	Winter	Credits	Spring	Credits
CSDN 304	3.0	CSDN 305	3.0	CSDN 306	3.0
Individualized Requirements	12.0	Individualized Requirements	12.0	Individualized Requirements	12.0
	15		**15**		**15**

Total Credits 180

*

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 year, one co-op in Spring/Summer

First Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
CSDN 101	1.0	CSDN 102	1.0	CIVC 101	1.0	VACATION	
ENGL 101	3.0	ENGL 102	3.0	ENGL 103	3.0		
UNIV PE101	1.0	Humanities Elective	3.0	Individualized Requirements	6.0		
Individualized Requirements	9.0	Individualized Requirements	6.0	Math Elective	3.0		
		Math Elective	3.0	Social Science Elective	3.0		
	14		**16**		**16**		**0**

Second Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
Individualized Requirements	9.0	CSDN 203	1.0	CSDN 210	3.0	COOP 101*	1.0
Science Elective	4.0	Humanities Elective	3.0	Humanities Elective	3.0	Individualized Requirements	14.0
Social Science Elective	3.0	Individualized Requirements	8.0	Individualized Requirements	3.0		
		Science Elective	4.0	Social Science Elective	3.0		
	16		**16**		**12**		**15**

Third Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
Individualized Requirements	15.0	CSDN 220	3.0	COOP EXPERIENCE		COOP EXPERIENCE	
		Individualized Requirements	12.0				
	15		**15**		**0**		**0**

Fourth Year

Fall	Credits	Winter	Credits	Spring	Credits
CSDN 304	3.0	CSDN 305	3.0	CSDN 306	3.0
Individualized Requirements	12.0	Individualized Requirements	12.0	Individualized Requirements	12.0
	15		**15**		**15**

Total Credits 180

*

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 schedules in a different term. Select students may be eligible to take COOP 001 in place of COOP 101.

5 year, three co-op in Fall/Winter

First Year

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
CSDN 101	1.0	COOP 101*	1.0	CIVC 101	1.0	VACATION	
ENGL 101	3.0	CSDN 102	1.0	ENGL 103	3.0		
UNIV PE101	0.0-2.0	CSDN 203	1.0	Individualized Requirements	6.0		
Individualized Requirements	8.0	ENGL 102	3.0	Math Elective	3.0		
		Individualized Requirements	6.0	Social Science Elective	3.0		
		Math Elective	3.0				
	12-14		**15**		**16**		**0**

Second Year							
Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
COOP EXPERIENCE		COOP EXPERIENCE		Individualized Requirements	9.0	Humanities Elective	3.0
				Science Elective	4.0	Individualized Requirements	8.0
				Social Science Elective	3.0	Science Elective	4.0
	0		0		16		15
Third Year							
Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
COOP EXPERIENCE		COOP EXPERIENCE		CSDN 210	3.0	Humanities Elective	3.0
				Humanities Elective	3.0	Individualized Requirements	12.0
				Individualized Requirements	9.0		
	0		0		15		15
Fourth Year							
Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
COOP EXPERIENCE		COOP EXPERIENCE		CSDN 220	3.0	Individualized Requirements	12.0
				Individualized Requirements	12.0	Social Science Elective	3.0
	0		0		15		15
Fifth Year							
Fall	Credits	Winter	Credits	Spring	Credits		
CSDN 304	3.0	CSDN 305	3.0	CSDN 306	3.0		
Individualized Requirements	12.0	Individualized Requirements	12.0	Individualized Requirements	12.0		
	15		15		15		

Total Credits 179-181

*
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.

5 year, three co-op in Spring/Summer

First Year							
Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
CSDN 101	1.0	COOP 101[*]	1.0	CIVC 101	1.0	VACATION	
ENGL 101	3.0	CSDN 102	1.0	ENGL 103	3.0		
UNIV PE101	1.0	ENGL 102	3.0	Individualized Requirements	6.0		
Individualized Requirements	8.0	Individualized Requirements	6.0	Math Elective	3.0		
		Math Elective	3.0	Social Science Elective	3.0		
	13		14		16		0
Second Year							
Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
Individualized Requirements	9.0	CSDN 203	1.0	COOP EXPERIENCE		COOP EXPERIENCE	
Science Elective	4.0	CSDN 210	3.0				
Social Science Elective	3.0	Individualized Requirements	8.0				
		Science Elective	4.0				
	16		16		0		0
Third Year							
Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
Humanities Elective	3.0	CSDN 220	3.0	COOP EXPERIENCE		COOP EXPERIENCE	
Individualized Requirements	12.0	Humanities Elective	3.0				

	Individualized Requirements	9.0				
	15		**15**		**0**	**0**
Fourth Year						
Fall	**Credits**	**Winter**	**Credits**	**Spring**	**Credits**	**Summer**	**Credits**

Fall	Credits	Winter	Credits	Spring	Credits	Summer	Credits
Humanities Elective	3.0	Individualized Requirements	12.0	COOP EXPERIENCE		COOP EXPERIENCE	
Individualized Requirements	12.0	Social Science Elective	3.0				
	15		**15**		**0**		**0**

Fifth Year						
Fall	**Credits**	**Winter**	**Credits**	**Spring**	**Credits**	
CSDN 304	3.0	CSDN 305	3.0	CSDN 306	3.0	
Individualized Requirements	12.0	Individualized Requirements	12.0	Individualized Requirements	12.0	
	15		**15**		**15**	

Total Credits 180

*
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.

Co-op and Career Services

Students in the program have the option of two co-op cycles: One is a five-year program with three co-op cycles (5COP), and the second option is a four-year program with one co-op cycle (4COP). Students will meet with their career services adviser during their time in the program to closely match career objectives with curriculum design and co-op/research opportunities.

Program Level Outcomes

Upon completion of the program, graduates will be prepared to:

- Demonstrate the ability to think and make connections across disciplinary fields of knowledge
- Demonstrate the ability to apply cross-disciplinary methodologies to research
- Demonstrate applied interdisciplinary problem-solving skills to complex problems
- Demonstrate an understanding of content and methodology of at least three substantive fields of knowledge chosen by the student
- Demonstrate self-directed learning through the development and achievement of a set of learning goals which are appropriate to their self-designed course of study and which were crafted in consultation with CSDN faculty (including faculty mentor) and professional staff
- Demonstrate effective written and oral communication skills
- Demonstrate the capacity for self-advocacy
- Demonstrate the requisite skills to develop and execute a long-term project that incorporates the knowledge, methodologies, and design techniques of the fields from which the students draws

Minor in Interdisciplinary Problem Solving

About the Minor

The 21st century will be defined by the complexity and interconnected nature of human endeavors. The challenges of this interconnected world are vast and they will require problem-solvers who are both specialized and capable of working across many fields of knowledge. The Interdisciplinary Problem Solving minor provides students across the University the opportunity to develop applied problem-solving skills to meet these challenges. The focus of the minor is to help students integrate information, methods of inquiry, research skills, and experiential learning across multiple fields of knowledge. Students will be encouraged to draw from their major field of study while also exploring other fields related to addressing complex, real-world problems. The minor will also encourage experimentation and synthesis while students engage with models of interdisciplinary research.

Admission Requirements

The Interdisciplinary Problem Solving minor is open to all University students that meet the criteria for acceptance. Students **do not** need to be a member of the Honors program to take part in the minor. Symposium courses are open to all Drexel students. Because of the nature of the minor, success is dependent upon students showing self-discipline and being highly motivated and self-reliant. All applications for the minor will be submitted to the director of the minor.

The following are the requirements that students must meet to be considered:

- Required essay: Student statement of interest and desired goals
- Required recommendation form: A member of the Drexel community (i.e. faculty, staff, advisor, etc.) must complete a recommendation form on the applicant's behalf. Strong recommendations speak to the applicant's collaboration skills, collegiality, initiative and resourcefulness, and their ability to work independently. Students will be provided the link to the recommendation form after the introductory meeting.

Program Requirements

Required Courses

CSDN 210 [WI]	Methods of Interdisciplinary Inquiry	3.0
CSDN 220 [WI]	Integrative Research Methods	3.0
HNRS 302	The Symposium (Take two times)	6.0
Electives *		**12.0**
Students choose 12 credits of electives; suggested courses include the following:		
BIO 264	Ethnobotany	
BMES 101	Introduction to BMES Design I: Defining Medical Problems	
BMES 102	Introduction to BMES Design II: Evaluating Design Solutions	
BMES 124	Biomedical Engineering Freshman Seminar I	
BUSN 103	Advanced First Year Business Seminar	
CAEE 202	Introduction to Civil, Architectural & Environmental Engineering	
CIVE 240	Engineering Economic Analysis	
COM 111	Principles of Communication	
COM 220	Qualitative Research Methods	
COM 317 [WI]	Environmental Communication	
ENVS 260	Environmental Science and Society	
INFO 101	Introduction to Computing and Security Technology	
INFO 102	Introduction to Information Systems	
INFO 103	Introduction to Data Science	
INTR 310	Sustainability: History, Theory and Critic	
MGMT 260	Introduction to Entrepreneurship	
MGMT 364	Technology Management	
MIS 200	Management Information Systems	
PROD 215	Design Thinking in Product Design	
PSY 352	Psychology of Sustainability	
Total Credits		**24.0**

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Other courses may be substituted with the approval of the minor director.

Writing-Intensive Course Requirements

In order to graduate, all students must pass three writing-intensive courses after their freshman year. Two writing-intensive courses must be in a student's major. The third can be in any discipline. Students are advised to take one writing-intensive class each year, beginning with the sophomore year, and to avoid "clustering" these courses near the end of their matriculation. Transfer students need to meet with an academic advisor to review the number of writing-intensive courses required to graduate.

A "WI" next to a course in this catalog may indicate that this course can fulfill a writing-intensive requirement. For the most up-to-date list of writing-intensive courses being offered, students should check the Writing Intensive Course List (https://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/faculty-programs/#writing-intensive-list) at the University Writing Program (http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/). (http://drexel.edu/coas/academics/departments-centers/english-philosophy/university-writing-program/drexel-writing-center/) Students scheduling their courses can also conduct a search for courses with the attribute "WI" to bring up a list of all writing-intensive courses available that term.

Additional Information

Please contact Charlotte Shreve at cs3859@drexel.edu with questions concerning the minor. For more information, please visit the (https://drexel.edu/pennoni/academics/interdisciplinary-minor/) Interdisciplinary Problem Solving minor (https://drexel.edu/pennoni/academics/interdisciplinary-minor/?_gl=1*jw71xa*_ga*NjUyMzQyMzYyLjE2OTUzMjQ5NzA.*_ga_6KJ1PNLE19*MTcxODI5NjQwNy4zOTAuMS4xNzE4Mjk4MDE0LjEwLjAuMA..) webpage.

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