



DREXEL UNIVERSITY

Pennoni
Honors College

CATALOG

2025-2026

UNDERGRADUATE



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Table of Contents

The Pennoni Honors College	2
Custom-Designed Major	5
Minor in Interdisciplinary Problem Solving	8
Index	10

The Pennoni Honors College

About the College

The mission of Drexel University's Pennoni Honors College (<http://www.drexel.edu/pennoni/>) is to enhance the University experience for talented and ambitious students from all majors. The Pennoni Honors College delivers innovative and interdisciplinary academics, student-centered experiential learning, and serves as a space for courageous conversations that welcomes students as their authentic selves. The College cultivates intellectual agency, motivated curiosity, and a conscientious community.

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

- Honors Program (<https://drexel.edu/pennoni/academics/honors/>)
- The Center for Interdisciplinary Inquiry which houses 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/>).
- Undergraduate Research & Enrichment Programs (<https://drexel.edu/pennoni/urep/overview/>) which houses 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/>).

Through these offerings, the Pennoni Honors College will shape the future of higher education as a guiding light for interdisciplinary learning, institutional collaboration, and integrative experiences that emphasize student agency and enhance the Drexel experience.

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. 5)

Minor

- Interdisciplinary Problem Solving (p. 8)

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. 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.

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 Honors Program	
HNRS I299	Independent Study in Honors Program	
HNRS I399	Independent Study in Honors Program	
HNRS I499	Independent Study in Honors Program	
HNRS T180	Special Topics in Honors Program	
HNRS T380	Special Topics in Honors Program	
HNRS T480	Special Topics in Honors Program	
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**

1.

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. 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.

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		

• GST courses	
• IST courses	
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.

Undergraduate Research and Enrichment

Undergraduate Research & Enrichment Programs (UREP) is a unit in the Pennoni Honors College that engages students across the University in the process of intellectual and self-discovery through research, fellowships advising, and enrichment programming. We support students in their personal, academic, and professional growth at Drexel and beyond.

Undergraduate Research

UREP supports student participation in faculty-mentored undergraduate research, scholarship, and creative work. UREP helps students find research, do research, and share research.

First-year and transfer students can apply for the STAR Scholars Program - an opportunity for highly motivated students to engage in a paid, full-time, faculty-mentored research, scholarship, or creative experience during the summer after their first year at Drexel.

Students currently involved in research can apply for the SuperNova Undergraduate Research Fellows Program, which allows them to document, reflect on, and be recognized for their engagement in undergraduate research.

UREP also offers Undergraduate Research Mini-Grants to support Drexel student and faculty pairs working on research projects, and travel grants to support students presenting their work at conferences.

Fellowships

UREP supports students and alumni applying for externally funded, competitive fellowships, and offers advising to help candidates develop competitive applications. UREP hosts a fellowships database where students and alumni can search for awards relevant to their interests and goals.

Enrichment Programs

UREP provides workshops, resources, and programming to help undergraduate students develop personal and professional skills and engage in self-reflective learning.

Rising sophomores can apply for the Aspire Scholars Program, a year-long program to help them develop and clarify their academic and professional goals in a small community of peers.

Center for Interdisciplinary Inquiry

The Center for Interdisciplinary Inquiry (CII) is a Unit in the Pennoni Honors College that promotes intentional and integrative approaches to working across disciplines for all students, faculty, and staff at Drexel. The Center emphasizes collaboration, communication, critical analysis, and creative thought in order to foster more holistic understandings of the world. The Center's founding in 2011 was in conjunction with the launch of the Custom-Designed Major (<https://drexel.edu/pennoni/academics/custom-designed-major/>) – an individualized major program that enables students to create their own plans of study by incorporating courses from disciplines across the University. The major is unique in that students can pursue a path of self-directed and interdisciplinary learning that goes beyond a traditional major or double major. Students work closely with advisors to create a plan of study to support their vision, and high-touch advising supports and guides them throughout their time in the major.

The Center is also home to the Symposium (<https://drexel.edu/pennoni/academics/the-symposium/>), an interdisciplinary course series organized around a central annual theme. Each class within the series is designed by co-instructors representing different fields of knowledge, enabling a wide range of interpretations of engaging topics related to the overarching theme. All Symposium courses are open to all students regardless of affiliation with the Honors Program.

For students who want to augment their major with coursework that allows them to address complex, real world problems through an interdisciplinary approach, the Center's Interdisciplinary Problem-Solving (<https://drexel.edu/pennoni/academics/interdisciplinary-minor/>) minor is an excellent opportunity to synthesize ideas, methods, practical skills, and experiential learning from across multiple fields. The minor provides opportunities for students to explore and develop interdisciplinary thinking and problem-solving in ways that will assist them navigate situations in any disciplinary context.

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 Director Dr. Katie Barak at ksb89@drexel.edu or academic advisor Charlotte Shreve at cs3859@drexel.edu.

Admission Requirements

Applicants may apply directly to the Custom-Designed Major (CSDN) as current Drexel students or transfer students. 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 crafting 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. 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	
Individualize Requirement	9.0 Individualize Requirement	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	3.0	

	Individualize Requirement	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
		Individualize Requirement	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	
Individualize Requirement	12.0 Individualize Requirement	12.0 Individualize Requirement	12.0	
	15	15	15	
Total Credits 180				

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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	
Individualize Requirement	9.0 Individualize Requirement	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 Individualize Requirement	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	
	Individualize Requirement	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
Individualize Requiremen	12.0 Individualize Requiremen	12.0 Individualize Requiremen	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.

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	
Individualize Requiremen	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 Individualize Requiremen	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 Individualize Requiremen	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
		Individualize Requiremen	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

Individualize Requiremen	12.0 Individualize Requiremen	12.0 Individualize Requiremen	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	
Individualize Requiremen	8.0 Individualize Requiremen	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	
Individualize Requiremen	12.0 Humanities Elective	3.0		
	Individualized Requirements	9.0		
	15	15	0	0

Fourth Year

Fall	Credits Winter	Credits Spring	Credits Summer	Credits
Humanities Elective	3.0 Individualized Requirements	12.0 COOP EXPERIENCE	COOP EXPERIENCE	
Individualize Requiremen	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
Individualize Requiremen	12.0 Individualize Requiremen	12.0 Individualize Requiremen	12.0
	15	15	15

Total Credits 180

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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 major have the option of two co-op programs: 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. To learn more about previous co-op employment opportunities and experiences for Custom-Designed Major students, please visit the Custom-Designed Major and co-op page (<https://drexel.edu/pennoni/academics/custom-designed-major/csdn-and-coop/>).

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.

Declaring the Minor

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. Students interested in minoring in Interdisciplinary Problem Solving should meet with staff from the Center for Interdisciplinary Inquiry. Please reach out to Charlotte Shreve (cs3859@drexel.edu?subject=Interdisciplinary%20Problem%20Solving%20Minor) to set up a meeting. We can discuss your personal, academic, and career goals and talk through how PSMI could support your aspirations.

1. **Introductory Meeting**
2. Anyone interested in applying to the Interdisciplinary Problem Solving Minor (PSMI) must meet with PSMI staff to discuss their academic goals, learn more about the minor's requirements, and review the application process and timeline.
- 3.
4. **Statement of Interest Form**
5. After the introductory meeting, students interested in declaring PSMI will be asked to fill out a statement of interest form. This form will help students think about how the minor can complement their current field of study – what kinds of problems are of interest? What are some of the relevant fields that would help address those problems? What specific courses might be of included? Students are also encouraged to revise their plan of study to demonstrate the incorporation of the minor into their curriculum and review this with their academic advisor.
- 6.
7. **Adding the Minor**
8. Once these steps are completed, staff from the Center for Interdisciplinary Inquiry will submit the necessary forms to add the Interdisciplinary Problem Solving minor.

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 Criticism
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.

Index

C

Custom-Designed Major 5

M

Minor in Interdisciplinary Problem Solving 8

T

The Pennoni Honors College 2