Departmental/Program Major Courses (120 credits)

Transdisciplinary Studies in Technology Required Major Courses (36 credits)

- _____ (8) PTEC 10800 Guided Exploration
- _____ (2) PTEC 20700 ePortfolio I
- _____ (8) PTEC 20800 Formation and Immersion
- _____ (8) PTEC 30800 Deep Immersion
- _____ (2) PTEC 40700 ePortfolio I
- _____ (8) PTEC 40800 Capstone and Planning

Other Departmental /Program Course Requirements (84 credits)

- _____ (4) UCC WR *(satisfies Written Communication for core)*
- _____ (3) UCC OC *(satisfies Oral Communication for core)*
- _____ (3) UCC IL *(satisfies Information Literacy Selective for core)*
- _____ (3) UCC QR (*satisfies Quantitative Reasoning Selective* for core)
- _____ (7) UCC Science *(satisfies Science Selective for core)*
- _____ (3) UCC STS *(satisfies Science, Technology and Society for the core)*
- _____ (3) UCC HUM *(satisfies Human Cultures Humanities for core)*
- _____ (3) UCC BSS *(satisfies Human Culture Behavioral/Social Science for core)*
- _____ (3) Advanced MA (>15999) or STAT (>19999)
- _____ (3) >20000 Humanities
- _____ (3) >30000 level OC or WR
- _____ (3) >09999 Technology Selective (Any AT, BCM, CGT, CNIT, ECET, ENGT, IET, IT, MET, MFET, OLS, TECH, TLI 10000 level or higher)
- _____ (9) >10000 Disciplinary Knowledge
- _____ (13) >20000 Disciplinary Knowledge
- _____ (12) >30000 Disciplinary Knowledge
- _____ (9) >40000 Disciplinary Knowledge

University Core Requirements

Human Cultures Humanities	△ __UCC Selective__		*Science, Technology & Society Selective*	△ __UCC Selective__	
Human Cultures Behavioral/Social Science	△ __UCC Selective__		*Written Communication*	△ __UCC Selective__	
Information Literacy	△ __UCC Selective__		*Oral Communication*	△ __UCC Selective__	
Science Selective	△ __UCC Selective__		*Quantitative Reasoning*	△ __UCC Selective__	
Science Selective	△ __UCC Selective__		*Quantitative Reasoning*	△ __UCC Selective__	

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The student is ultimately responsible for knowing and completing all degree requirements.
myPurduePlan is knowledge source for specific requirements and completion

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Transdisciplinary Studies in Technology

Suggested Arrangement of Required Courses

FIRST SEMESTER	SUB/EQ	CR	G R	SE M	SECOND SEMESTER	SUB/EQ	CR	G R	SE M
PTEC 20700 ePortfolio I[2]		0.5			PTEC 20700 ePortfolio I[2]		0.5		
PTEC 10800 Guided Exploration[2]		4			PTEC 10800 Guided Exploration[2]		4		
>09999 Technology Selective		3			HUM* (UCC)[3,4]		3		
OC* (UCC)[3,4]		3			WC* (UCC)[3,4]		4		
Math QR* (UCC)[3,4]		3			Science* (UCC)[3,4]		4		
>10000 level Disciplinary Knowledge[4]		3							
TOTAL CREDIT HOURS		16.5			TOTAL CREDIT HOURS		15.5		

THIRD SEMESTER[5]	SUB/EQ	CR	G R	SE M	FOURTH SEMESTER	SUB/EQ	CR	G R	SE M
PTEC 20700 ePortfolio I[2]		0.5			PTEC 20700 ePortfolio I[2]		0.5		
PTEC 20800 Formation and Immersion[2]		4			PTEC 20800 Formation and Immersion[2]		4		
>10000 level Disciplinary Knowledge[4]		3			>20000 level Disciplinary Knowledge[4]		3		
STS* (UCC)[3,4]		3			Science* (UCC)[3,4]		3		
>10000 level Disciplinary Knowledge[4]		3			>20000 level Humanities[4]		3		
					IL* (UCC)[3,4]		3		
TOTAL CREDIT HOURS		13.5			TOTAL CREDIT HOURS		16.5		

FIFTH SEMESTER	SUB/EQ	CR	G R	SE M	SIXTH SEMESTER	SUB/EQ	CR	G R	SE M
PTEC 40700 ePortfolio II[2]		0.5			PTEC 40700 ePortfolio II[2]		0.5		
PTEC 30800 Deep Immersion[2]		4			PTEC 30800 Deep Immersion[2]		4		
Advanced MATH (>15999) or STAT (>19999)		3			>20000 level Disciplinary Knowledge[4]		3		
>20000 level Disciplinary Knowledge[4]		3			>30000 level Disciplinary Knowledge[4]		3		
>20000 level Disciplinary Knowledge[4]		4			>30000 level OC or WC[4]		3		
					BSS* (UCC)[3,4]		3		
TOTAL CREDIT HOURS		14.5			TOTAL CREDIT HOURS		16.5		

SEVENTH SEMESTER	SUB/EQ	CR	G R	SE M	EIGHTH SEMESTER	SUB/EQ	CR	G R	SE M
PTEC 40700 ePortfolio II[2]		0.5			PTEC 40700 ePortfolio II[2]		0.5		
PTEC 40800 Capstone and Planning[2]		4			PTEC 40800 Capstone and Planning[2]		4		
>30000 level Disciplinary Knowledge[4]		3			>40000 level Disciplinary Knowledge[4]		3		
>30000 level Disciplinary Knowledge[4]		3			>40000 level Disciplinary Knowledge[4]		3		
>30000 level Disciplinary Knowledge[4]		3			>40000 level Disciplinary Knowledge[4]		3		
TOTAL CREDIT HOURS		13.5			TOTAL CREDIT HOURS		13.5		

*Fulfills University Core

120 Total

1. Non-course degree requirement: Student demonstration of expertise in eight broad competencies. Monitored and reviewed continuously in Transdisciplinary Learning Experiences (PTEC 10800, 20800, …). ePortfolio is formally assessed 4 times during the plan of study to satisfy this requirement.
2. These are courses specifically designed for this degree. ePortfolio (PTEC 20700, 40700) are pass/no pass. Transdisciplinary Learning Experiences (PTEC 10800-40800) are variable credit.
3. Any courses from the Undergraduate Curriculum Council (UCC) Approved Course List to satisfy the appropriate foundational core requirement. Acronyms are as follows: BSS – Behavioral/Social Sciences, HUM – Humanities, IL – Information Literacy, OC – Oral Communication, QR – Quantitative Reasoning, STS – Science, Technology and Society, WC – Written Communication
   It is preferred that students take one course from physical sciences and one from life sciences.
4. Any course for which the student meets the prerequisites and meets their personal and professional goals as determined by the student in consultation with their faculty mentor.
5. By the end of the Semester 3, students identify their mission and, with the help of their faculty mentor, develop a detailed plan of learning. At this time, they identify one or more technology disciplines and at least one humanities discipline. For example, Computing (CIT, CGT or ECET), Engineering Technology

Transdisciplinary Studies
Supplemental Courses

1. > 09999 Technology Selective
    a. Any course offered through the Polytechnic Institute >09999 number
    b. Course Subjects: AT, BCM, CGT, CNIT, ECET, ENGT, IET, IT, MET, MFET, OLS, TECH, TLI
2. >10000 level Disciplinary Knowledge
    a. Any course offered at Purdue > 10000 number
3. >20000 level Disciplinary Knowledge
    a. Any course offered at Purdue > 20000 number
4. >20000 level Humanities
    a. View possible course options at:

https://www.purdue.edu/provost/initiatives/curriculum/index.html

5. >30000 level Disciplinary Knowledge
    a. Any course offered at Purdue > 30000 number
6. >30000 level OC or WC
7. >40000 level Disciplinary Knowledge
    a. Any course offered at Purdue > 40000 number
8. UCC* courses
    a. View possible course options at:
        https://www.purdue.edu/provost/initiatives/curriculum/index.html