College of Engineering
Department of Engineering Education
Innovation Minor
For students entering under UG Catalog 2021-2022

I - Required Courses (9 Credit Hours)	Credits	
*STS 2254 Innovation in Context (Core Concept 2: Discourse; Integrated Concept 10: Ethical Reasoning and 11: Intercultural and Global Awareness)	3	_____
*ENGE 2094 Create!: Ideation for Innovation (Core Concept 6d: Design; Integrated Concept 11: Intercultural and Global Awareness)	3	_____
*MGT/ENGE/IDS 4094 The Startup Class: Commercialization of Innovation (Core Concept 3: Social Science; Integrated Concept 10: Ethical Reasoning)	3	_____
Section I – Total # of Credits	**9**	_____

*Courses indicated with an asterisk are Pathways General Education Courses. If completing this minor to satisfy Pathways General Education requirements, please reference the core and/or integrated concept(s) satisfied by the course during the selection of courses for the completion of this minor.

II – Electives (minimum of 9 Credit Hours)

	Credits	
*ACIS 1004 Accounting Foundations (Core Concept: 5f, Integrative Concept; 10)	3	_____
*AHRM 1014 Introduction to Design for Consumers (Core Concept: 6d, Integrative Concept: 1)	3	_____
*AHRM 2014 Design for Consumers Studio (Pre: AHRM 1014) (Core Concept: 6d, Integrative Concept: 1)	3	_____
*COMM 2004 Public Speaking (Core Concept: 1a, Integrative Concept 10)	3	_____
*CS 1014: Introduction to Computational Thinking (Core Concept 5f, Integrative Concept 10)	3	_____
*ENGE 1644 Global STEM Practice: Leadership and Culture (Pre: 1215) (Core Concept 3, Integrative Concept: 11)	3	_____
*ENGL 1654 Introduction to Science Fiction and Fantasy (Core Concept: 2, Integrative Concept 11)	3	_____
*ENGL 3764 Technical Writing (Pre: Junior Standing) (Core Concept: 1a, Integrative Concept: 10)	3	_____
ENGL 3774 Business Writing (Pre: Junior Standing)	3	_____
ENGL 3814 Creating User Documentation (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 3824 Designing Documents for Print (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 3834 Intercultural Issues in Professional Writing (Pre: 1106 or 1204H or COMM 1016)	3	_____
*ENGL 3844 Writing and Digital Media (Pre: ENGL 1106 or 1204H or COMM 1016)	3	_____

ENGL 4804 Grant Proposals and Reports (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 4814 Developing Online Content (Pre: 1106 or 1204H or COMM 1016)	3	_____
ENGL 4824 Science Writing (Pre: 1106 or 1204H or COMM 1016, Senior Standing)	3	_____
*HIST 2715, 2716 History of Technology (cross-listed with STS 2715, 2716) (Core Concept: 3, Integrative Concept: 11)	3	_____
ISE 4004 Theory of Organization	3	_____
ISE 4015 Management Systems Theory, Applications, and Design	3	_____
ISE 4304 Global Issues in Industrial Management	3	_____
STS 2054 Engineering Cultures (cross-listed with HIST 2054)	3	_____
*STS 2154 Humanities, Technology and the Life Sciences (Core Concept: 2, Integrative Concept 10)	3	_____
STS 2354 Humanities, Technology and the Physical Sciences	3	_____
*STS 3284 Technology and Disability (Core Concept: 6d, Integrative Concept 10)	3	_____
*STS 3334 Energy and Society (Core Concept: 3, Integrative Concept 11)	3	_____
Section II – Total # of Credits	**9**	_____
Minor Total # of Credits	**18**	_____

NOTES:

Minimum GPA: A minimum minor GPA of 2.0 in each course taken to fulfill the minor is required.

Prerequisite Statement: Some courses listed on this checksheet have prerequisites, please consult the University Course Catalog, or check with your advisor.

Electives: A minimum of 3 credits of electives must be at the 3000-4000 level.