Program Change Request

Date Submitted: 10/29/25 12:04 pm

Viewing: SUST : Minor in Sustainability
Last approved: 03/10/25 12:48 pm
Last edit: 10/29/25 9:42 pm

Changes proposed by: bstephe5

Catalog Pages
Using this Program
[Minor in Sustainability](#)

Program Status	Active		
Requestor	Name	Brent Stephens	E-mail
bstephe5@iit.edu			
Origination Date	2025-10-29 ~~2024-10-24~~		
Is this an interdisciplinary program?	Yes		
Is this stem-eligible?	Yes		
Available for direct application?			
Academic Unit College	Civil Archl Environ Engrg		
	Armour College of Engineering		

Contributing Academic Unit(s)

Academic Units
Social Sciences
Food Science and Nutrition
Business Administration
Institute of Design

In Workflow

1. AC Interdisciplinary Curriculum Committee Chair
2. Academic Affairs
3. Undergraduate Academic Affairs
4. AC Dean
5. Undergraduate Studies Committee Chair
6. Faculty Council Chair
7. Academic Affairs

Approval Path

1. 10/29/25 9:43 pm Hamid Arastoopour (arastoopour): Approved for AC Interdisciplinary Curriculum Committee Chair
2. 10/30/25 4:01 pm Ayesha Qamer (aqamer): Approved for Academic Affairs
3. 10/30/25 4:55 pm Joseph Gorzkowski (jgorzkow): Approved for Undergraduate Academic Affairs
4. 10/31/25 4:48 am Louis Cattafesta III (lcattafestaiii): Approved for AC Dean

History

Program Title
  Minor in Sustainability

Effective Academic Year	2026 2024 - 2027 2025	Effective Term	Spring 2026
Academic Level	Undergraduate		

If all courses in a subject in your department are required, please enter each subject followed by the number ranges in the "Quick Add" field in the pop up box when you click the green plus button below. For example: ARCH 100-499.

What courses will factor the major GPA?

Program Type   Minor

Program Code   SUST

Program Attribute

Total Program   15
Credit Hours

Please provide a summary and rationale for the requested program revision.

Adding a new course, BIOL 200 Urban Ecology, to acceptable course list latest:removing a comment on ENVE 201 that did not need to be there any longer previous:Updated elective course list to reflect current offerings

Program Narrat

Narrative description of h
describe what need this p
need. If the program is re
being replaced by the ne
program(s). If the progra

Academic Inforn

Proposed Catalog Entry

Course Requirements

As the world faces tremendous challenges and threats to its own sustainability -- including climate change, environmental pollution, depletion of natural resources, loss of biodiversity, poverty, hunger, and gender equality -- the importance of sustainable economic and social development is increasingly prioritized by organizations, governments, and citizens globally. The Minor in Sustainability provides students with a broad understanding of the principles of sustainability and the tools and techniques used for assessment and mitigation of issues in economic, social, and environmental sustainability.

A total of 15 credits are required to earn the Minor in Sustainability. Three required courses (9 hours) will introduce students to the social, political, and technical dimensions of sustainability. Two elective courses (6 hours) will allow students to focus in sustainability application areas of their choice while taking courses that are consistent with their level of preparation in their major degree program.

ENVE 201	Earth Environ Sci	3
PS 329	Environmental Politics and Policy	3
or PS 338	Energy Policy	
FDSN 314	Sustainable Food Systems	3
or SAM 504	Industrial Ecology and the Circular Economy	
Select a minimum of two courses from the following:		6
ARCH 421	Basics of Building Simulation in the Built Environment I	3
ARCH 422	Basics of Building Simulation in the Built Environment II	3
ARCH 460	Integrated Building Delivery Practice/BIM	3
ARCH 462	Planning Law and Land Policy	3
BIOL 200	Urban Ecology	3
CAE 331	Building Science [1]	3
CAE 462	Introduction to Sustainable Building Design	3
CAE 465	Energy Conservation in Buildings [1]	3
CAE 556	Net Zero Energy Building Design I	3
CAE 557	Net Zero Energy Building Design II	3
CHE 543	Energy, Environment, and Economics [1]	3
CHEM 410	Science of Climate Change	3
CHEM 472	Environmental Chemistry	3
ECE 412	Hybrid Electric Vehicle Drives [1]	4

ECE 418	Power System Analysis [1]	3
ECE 548	Energy Harvesting [1]	3
ECE 580	Elements of Sustainable Energy [1]	3
SAM 501	Environmental Policy	3
SAM 502	Environmental Law	3
SAM 503	ESG Analytics and Management	3
SAM 504	Industrial Ecology and the Circular Economy	3
SAM 541	Sustainable Energy Systems	3
ENVE 401	Introduction to Water Resources Engineering [1]	3
ENVE 402	Introduction to Environmental Engineering and Sustainable Design [1]	3
ENVE 403	Occupational and Environmental Health and Safety	3
ENVE 404	Water and Wastewater Engineering [1]	3
ENVE 422	Global Environmental Change and Sustainability Analysis	3
ENVE 423	Geoenvironmental Engineering	3
ENVE 444	Carbon Capture, Utilization, and Storage	3
ENVE 463	Introduction to Air Pollution Control [1]	3
FDSN 410	Food Plant Operations	3
INTM 416	Integrated Facilities Management	3
INTM 423	Sustainable Facilities Operations	3
INTM 459	Issues in Industrial Sustainability	3
INTM 461	Energy Options for Industry	3
INTM 462	Special Topics in Sustainability	3
MMAE 522	Nuclear, Fossil-Fuel, and Sustainable Energy Systems [1]	3
MMAE 524	Fundamentals of Combustion [1]	3
Total Credit Hours		15

[1]
Denotes a course with prerequisites in mathematics, science, and/or engineering. Check the course catalog for specific prerequisites.

Sample
Curriculum/Program
Requirements
Adding CHE 541, Renewable Energy Technology
OK

Program Outcomes an

What are your learning

Undergraduate Pro

Report to Faculty
Council

Reviewer
Comments

Key: 529