

Climate Positive Design Workshop

Module Structure and Deliverables

Monday, Jan. 9 - Module 1

Lecture – Introduction and Low Carbon Materials (30 min)

Work Session – Site design concept sketch, material quantity input to Pathfinder, and individual project discussion with instructor. (1.5 hr)

Tuesday, Jan. 10 - Module 2

Lecture – Low Carbon Methods and Operations (30 min)

Work Session – Site design operations analysis and quantity input to Pathfinder.
Individual project discussion with instructor. (1.5 hr)

Wednesday, Jan. 11 - Module 3

Lecture – Maximizing Carbon Sequestration through Plants and Ecosystems (30 min)

Work Session – Planting design concept sketch and quantity input to Pathfinder.
Individual project discussion with instructor. (1.5 hr)

Thursday, Jan. 12 - Module 4

Lecture – Co-benefits (30 min)

Work Session – Co-benefit identification and quantity input to Pathfinder. Individual project discussion with instructor. (1.5 hr)

Friday, Jan. 13 - Student Presentations

No Lecture

Deliverable – Students to prepare and present their site design project and lessons learned with the group. Deliverable will include a site plan in hand sketch or digital format along with carbon footprint scorecard from Pathfinder, and a summary of lessons learned bullet points shared verbally. Presentations will be 5 minutes long with 5 minutes discussion (10 minutes total for each student).