University of St. Thomas
Sustainable Communities Partnership
Projects & Partners
Spring 2018 - Spring 2020

Semester	Year	Partner	Project Title	Course number	Course name	Instructor
Spring	Spring 2018	Big Lake/MetroTransit	Assessing Ridesharing Opportunities for Big Lake Commuters	MKTG 340	Marketing Research	David Harman
Spring	Spring 2018	Metro Transit	"College Pass" Market Research	MBA Client Consulting	Advanced Business Research	Avinash Malshe
Spring	Spring 2018	Metro Transit	UST Shuttle	MKTG 340	Marketing Research	David Harman
Spring	Spring 2018	Metro Transit	Economics Data Competition	n/a	n/a	Economics Department; 6 teams
Spring	Spring 2018	Metro Transit	Tracking Metro Transit's Fleet Vehicles	OPMT 360	Services Operations Management	Sheneeta White
Spring	Spring 2018	Metro Transit	Preventing Littering at Transit Stops	PSYC 334	Psychology for Sustainability	Britain Scott
Spring	Spring 2018	Metro Transit	Improving Customer Satisfaction for Native Spanish Speakers	SPAN 320	Business Spanish	Susana Perez Castillejo
Spring	Spring 2018	Metro Transit	Tracking Metro Transit's Fleet Vehicles	CISC 321	Systems Analysis and Design II	Timothy Meyer
Spring	Spring 2018	Metropolitan Council	Promoting Employment Opportunities with the Metropolitan Council	COJO 344	Writing for Strategic Communication	Chuck Grothaus
Spring	Spring 2018	Metropolitan Council	Climate Vulnerability Assessment: Extreme Heat Report	ENVR 401	Environmental Studies Capstone	Tony Siebenaler-Ransom and Eric Wojchik
Spring	Spring 2018	Metropolitan Council	Metro-wide Tree Planting Priortization Analysis	GEOG 421	Advanced GIS	David Kelley
Spring	Spring 2018	PLACE	Designing an 'Energy Champion' App for PLACE's EcoVillage Development	CISC 321	Systems Analysis and Design II	Timothy Meyer
Spring	Spring 2018	PLACE	Analyzing and Communicating Costs for PLACE's EcoVillage Development	ECON 401	Managerial Decision Making	Monica Hartmann
Spring	Spring 2018	PLACE	Using Models to Explore Sustanability Goals and Tradeoffs	ESCI 310	Environmental Problem Solving	Chip Small
Spring	Spring 2018	St. Thomas Campus Sustainability	Highlights of Sustainable Achievements at the University of St. Thomas	ENGL 121	Critical Thinking: Lit/Writing	Alison Underthun-Meilahn
Spring	Spring 2018	St. Thomas Facilities	Developing a Bicycle Master Plan	MBA Client Consulting	Advanced Business Research	Avinash Malshe
Spring	Spring 2018	St. Thomas Facilities	Survey Research: Bicycle Master Plan	MKTG 340	Marketing Research	David Harman
Spring	Spring 2018	St. Thomas Facilities	Designing Bike Racks	ENGR 171	Engineering Graphics and Design	AnnMarie Thomas
Summer	Summer 2018	Freshwater Society	Modeling Mining Impacts on Groundwater	n/a	Center for Applied Math	student research
Summer	Summer 2018	Metropolitan Council	Recommendations for Climate Vulnerability Visuals for City Staff	ENGL 315	Visual Rhetoric and Design	Fernando Sanchez
Summer	Summer 2018	MWMO	BMP Curriculum Units	TEGR 528/EDUC 327	Engineering in the P-12 Classroom	Deborah Besser & Debbie Monson
Fall	Fall 2018	Big Lake	Designing a Bandshell for the City of Big Lake	ENGR 171	Engineering Graphics and Design	AnnMarie Thomas
Fall	Fall 2018	Big Lake	Surveying Residents' Preferences for Environmental Amenities	MKTG 340	Marketing Research	David Harman
Fall	Fall 2018	Metro Transit	Engaging Transit Riders' Stories through Art	JPST 365	Leadership for Social Justice	Mike Klein
Fall	Fall 2018	Metropolitan Council	Stories of Climate Vulnerablity in the Twin Cities	ENGL 203	City Lights: Urban Experience	Olga Herrera
Fall	Fall 2018	PLACE	Exploring Issues of Funding and Policy for Affordable Living	ECON	Law and Economics	Monica Hartmann
Fall	Fall 2018	PLACE	Analyzing Sustainable Infrastructure	ENGR 362	Construction and Engineering Economic Analysis	Deborah Besser
Fall	Fall 2018	St. Thomas Campus Sustainability	Applying Biology to Communicate and Inform Sustainability Initiatives	BIOL 209	Biology of Sustainability	Leah Domine

Fall	Fall 2018	St. Thomas Campus Sustainability	Surveying Visions for Sustainability at St. Thomas	MKTG 340	Marketing Research	David Harman
Fall	Fall 2018	St. Thomas Campus Sustainability	Applying Moral Theories to Inform Campus Sustainability Strategic Planning	PHIL 214	Introductory Ethics	Michelle Hirschboeck
Fall	Fall 2018	St. Thomas Facilities	Bicycle and Pedestrian Safety on Campus	ENGR 466	Transportation Engineering	Rita Lederle
Fall	Fall 2018	St. Thomas Stewardship Garden	Modeling Nutrient Dynamics	ESCI 310	Environmental Problem Solving	Chip Small
J-term	J-term 2019	PLACE	Creating a Holistic Carbon Footprint Calculator for PLACE	BIOL 490	Urban Ecosystem Ecology	Chip Small
Spring	Spring 2019	Cottage Grove	Analyzing the Effects of a Smart Irrigation Controller Subsidy Program	ECON 337	Economics of the Public Sector	Matthew Kim
Spring	Spring 2019	Cottage Grove	Open Space Connectivity and Park Information Mapping	GEOG 421	Applied Geographic Information Systems	David Kelley
Spring	Spring 2019	Cottage Grove	Investigating Benefits of and Barriers to Residential Outdoor Water Conservation	PSYC 334	Psychology of Sustainabiltiy	Britain Scott
Spring	Spring 2019	Metro Transit	Investigating Preferred and Sustainable Promotional Give-Aways for College Students	MKTG 340	Marketing Research	David Harman
Spring	Spring 2019	Metro Transit	Market Demand Research for Metro Transit Merchandise	MKTG 340	Marketing Research	David Harman
Spring	Spring 2019	Metro Transit	Tracking Metro Transit Advertising Inventory	OPMT 320	Decision Analysis	Kyle Goldschmidt
Spring	Spring 2019	Metropolitan Council	Sustainable Landscape Analysis at Metropolitan Council Wastewater Treatment Plants	ESCI 430	Environmental Science Capstone	Eric Chapman
Spring	Spring 2019	Pillsbury United	Urban Agriculture Grant Writing	ENGL 315	Writing Grants and Proposals	Fernando Sanchez
Spring	Spring 2019	PLACE	Developing a Marketing Strategy for PLACE	MKTG 430	Marketing Management	Jamal Al-Khatib
Spring	Spring 2019	PLACE	Developing Survey Constructs for Happiness and Well-Being	PSYC 313	Psychological Testing	Tonia Bock
Spring	Spring 2019	SOLV/River Corridor Walk/SCPArts	St. Thomas River Corridor Walk	GEOL 162	Earth's Record of Climate	Kevin Theissen
Spring	Spring 2019	SOLV/SCPArts	collages - for SOLV data	ENGL 202	Native American Literature and Sustainability	Liz Wilkinson
Spring	Spring 2019	St. Thomas Campus Sustainability	Video Production to Document Stories of Sustainability	COJO 372	Environmental Communication	Mark Neuzil
Spring	Spring 2019	St. Thomas Campus Sustainability/Hour Car	Market Research for HOURCAR	MKTG 340	Marketing Research	David Harman
Spring	Spring 2019	St. Thomas Pollinator Path	Creating Interactive Activity Guides and Designs for Experiential Engagement for the St. Thomas Department of Biology Pollinator Path	BIOL 101	General Biology labs	Doreen Schroeder, Rahul Kane, Anthony Lewno
Spring	Spring 2019	St. Thomas Pollinator Path	Creating Interactive Activity Guides and Designs for Experiential Engagement for the St. Thomas Department of Biology Pollinator Path	BIOL 315	Plants, Food, and Medicine	Amy Verhoeven
Spring	Spring 2019	St. Thomas Pollinator Path	Designing Pollinator Path Gardens as an Immersive Experience	ENGR 171	Engineering Graphics and Design	AnnMarie Thomas
Summer	Summer 2019	St. Thomas Pollinator Path	Modeling Pollinator Movement and Behavior	n/a	Center for Applied Math	student research: Advisor: Sergey Berg
Summer	Summer 2019	Natural Heritage Project	Biomicry - engineering exhibits	TEGR 528/EDUC 327	Engineering in the P-12 Classroom	Deb Besser and Debbie Monson
Summer	Summer 2019	SCP Arts Exhibition Hosted by MWMO	Pollinator Pathways	NA	NA	NA
Fall	Fall 2019	MWMO	Exploring Mississippi River Experiences	ENVR 212	Society and Sustainability	Maria Dahmus
Fall	Fall 2019	PLACE	Gathering Stories of PLACE Developments	JPST 365	Leadership for Social Justice	Mike Klein

Fall	Fall 2019	Woodbury	Analyzing Sustainable Waters Future Policy	ENGR 362	Construction and Engineering Economic Analysis Lecture and Lab	Deb Besser
Fall	Fall 2019	St. Thomas Pollinator Path	Little Free Library Design	ENGR 171	Engineering Graphics and Design	AnnMarie Thomas
Fall	Fall 2019	Waite House	Oak Park Outdoor Improvement Project (Part I, 2 projects)	ENGR 480	Civil Engineering Senior Design	Deb Besser
Fall	Fall 2019	SOLV/River Corridor	Designing the River Corridor Walk	GEOL 130	Earth History Lecture and Lab	Kevin Theissen
Fall	Fall 2019	City of Big Lake	Minnesota Avenue Pedestrian and Bicycle Safety Demonstration Project	ENGR 466	Transportation Engineering	Rita Lederle
Fall	Fall 2019	St. Thomas Pollinator Path	Surveying the Pollinator Path on South Campus	ENGR 160	Surveying	Rita Lederle
Spring	Spring 2020	Caponi Art Park	Caponi Art Park Habitat Assessment	ESCI 430	Senior Research Seminar/Lab	Chip Small
Spring	Spring 2020	Caponi Art Park	Developing Behavioral Stations at the Caponi Art Park	PSYC 334	Psychology for Sustainability	Britain Scott
Spring	Spring 2020	Caponi Art Park	Developing a Nature Tour at the Caponi Art Park	BIOL 315	Plants, Food, and Medicine	Amy Verhoeven
Spring	Spring 2020	Metro Transit	A Study in Organizational Change: Metro Transit Main Campus Expansion	ENGL 315	Business Writing	Fernando Sanchez
Spring	Spring 2020	Metropolitan Council	Analyzing Equity, Inclusion, and Justice Implications of Potential Climate Action Strategies	ENVR 351 / POLS 309	Environmental Policy	Eric Wojchik
Spring	Spring 2020	MWMO	Analyzing the MWMO's Water Reuse Projects and Developing Recommendations for Future Projects	ESCI 430	Senior Research Seminar/Lab	Chip Small
Spring	Spring 2020	Pillsbury United	Oak Park Outdoor Improvement Project (Part II, 2 projects)	ENGR 480	Senior Civil Engineering Design	Deb Besser; Travis
Spring	Spring 2020	St. Paul	City of Saint Paul Fleet Services Vehicle Idling Reduction	OPMT 360	Service Operations Management	Matt Larson
Spring	Spring 2020	St. Thomas Campus Sustainability	TBD - researching sustainable give-aways for St. Thomas	MKTG 340	Marketing Research	David Harman
Spring	Spring 2020	Woodbury	Stormwater Basin Study	GEOL 115	Environmental Geology	Lisa Lamb and Eric Chapman