

University of St. Thomas
Sustainable Communities Partnership
Projects & Partners

Year	Semester	Semester	Partner	Project Title	Course Number	Course Title	Course Instructor
2016	J term	J term 2016	Elk River	Decreasing Use of Plastic Shopping Bags	THEO 422	Christian Faith and the Management Professions	Angela Senander
2016	Spring	Spring 2016	Delano	Analyzing Efficiency Upgrades of Public Infrastructure	ECON 401 & ECON 337	Managerial Decision Making & Economics of the Public Sector	Monica Hartmann & Matthew Kim
2016	Spring	Spring 2016	Elk River	Decreasing Use of Plastic Shopping Bags	THEO 422	Christian Faith and the Management Professions	Angela Senander
2016	Spring	Spring 2016	Elk River	Bike Route Analysis	GEOG 321	Geographic Information Systems	David Kelley
2016	Spring	Spring 2016	Elk River	Park Trail Mapping	GEOG 321	Geographic Information Systems	David Kelley
2016	Spring	Spring 2016	Elk River	Wetland Buffer Assessment	GEOG 321	Geographic Information Systems	David Kelley
2016	Spring	Spring 2016	Elk River	Green Roof Design	ESCI 310	Environmental Problem Solving	Chip Small
2016	Spring	Spring 2016	MWMO	Examining Land Use Scenarios for Vacant Lots	ESCI 310	Environmental Problem Solving	Chip Small
2016	Spring	Spring 2016	MWMO	Culturally Diverse Environmental Engagement	SOWK 402	Large Client Systems	Ande Nesmith
2016	Spring	Spring 2016	MWMO	Mississippi River Corridor Habitat Assessment	ESCI 430	Senior Research Seminar	Lisa Lamb & Sami Nichols
2016	Spring	Spring 2016	MWMO	Organizational Communication with Volunteers	COJO 320	Organizational Communication	Xiaowen Guan
2016	Spring	Spring 2016	MWMO	Public Media for Master Water Stewards	ENGL 304	Analytical and Persuasive Writing	Lucia Pawlowski
2016	Spring	Spring 2016	MWMO	Urban Agriculture Ethnography	GENG 672	Ethnographic Writing	Todd Lawrence
2016	Summer	Summer 2016	MWMO	Stormwater Best Management Practices Curriculum Units	TEGR 528	Engineering in the P-12 Classroom	Deborah Besser & Debbie Monson
2016	Fall	Fall 2016	Elk River	Climate Adaptation: Historical Perspectives	HIST 298	History and Climate	Will Cavert
2016	Fall	Fall 2016	Elk River	Creating a Solar-Powered Picnic Table Prototype	ENGR 480	Senior Design Clinic	Greg Mowry
2016	Fall	Fall 2016	Elk River	Decreasing Use of Polystyrene	THEO 422	Christian Faith and the Management Professions	Angela Senander
2016	Fall	Fall 2016	Elk River	Examining Effects of Climate Change on Tree Species	BIOL 335	Conservation Biology	Sami Nichols
2016	Fall	Fall 2016	Elk River	Evaluating Current Solid Waste Rate Structure	ECON 332	Industrial Organizational	Michael Walrath
2016	Fall	Fall 2016	Elk River	Fostering Sustainable Behaviors for City Employees	PSYC 342	Psychology and Work	Elise Amel
2016	Fall	Fall 2016	Elk River	Park Trail Mapping	GEOG 321	Geographic Information Systems	David Kelley
2016	Fall	Fall 2016	Elk River	Modeling Pollutant Levels in Lake Orono After Rainfall Events	BIOL 435	Aquatic Biology	Leah Domine & Chip Small
2016	Fall	Fall 2016	Elk River	Translation for Climate-Smart Municipalities	GERM 300	Introduction to German Studies	Susanne Wagner
2016	Fall	Fall 2016	Freshwater Society	Marketing and Recruitment for Master Water Stewards	COJO 368	Advertising Portfolio	Craig Bryan
2016	Fall	Fall 2016	Freshwater Society	User-Centered Design: Creating an App for Tracking Stormwater Projects and Volunteer Hours	CISC 321	Systems Analysis and Design II	Tim Meyer
2016	Fall	Fall 2016	Tiny Footprint Coffee	Examining Uses of Coffee Chaff	BIOL 209	Biology of Sustainability (labs)	Leah Domine & Chip Small
2017	J term	J term 2017	Elk River	Developing PR for Organics and Recycling	THEO 422	Christian Faith and the Management Professions	Angela Senander
2017	Spring	Spring 2017	Big Lake	Designing Parks for Experiential Engagement	PSYC 298	Psychology of Sustainability	Britain Scott
2017	Spring	Spring 2017	Elk River	Creating a Solar-Powered Picnic Table Prototype	ENGR 480	Senior Design Clinic	Greg Mowry
2017	Spring	Spring 2017	Elk River	Marketing "Energy City"	MBA Client Consulting Program	Applied Business Research	Avinash Malshe
2017	Spring	Spring 2017	Elk River	Floodplain Assessment	GEOG 421	Applied GIS	David Kelley
2017	Spring	Spring 2017	Elk River	Modeling Pollutant Levels in Lake Orono After Rainfall Events	ESCI 310	Environmental Problem Solving	Chip Small
2017	Spring	Spring 2017	Freshwater Society	Designing Urban Garden Perimeter Plantings	BIOL 315	Plants, Food, and Medicine	Amy Verhoeven
2017	Spring	Spring 2017	Freshwater Society	Strategic Communication for Master Water Stewards	COJO 344	Writing for Strategic Communications	Craig Bryan
2017	Spring	Spring 2017	Freshwater Society	Examining Urban Agriculture as a Stormwater Best Management Practice	BIOL 490	Urban Ecosystem Ecology	Chip Small
2017	Spring	Spring 2017	Tiny Footprint Coffee	Carbon Calculation	BIOL 490	Urban Ecosystem Ecology	Chip Small
2017	Spring	Spring 2017	Tiny Footprint Coffee	Examining Uses of Coffee Chaff	BIOL 315	Plants, Food, and Medicine	Amy Verhoeven
2017	Spring	Spring 2017	Metropolitan Council	Examining the Urban Tree Canopy	ENVR 401	Environmental Studies Capstone	David Kelley
2017	Spring	Spring 2017	MWMO	Designing Stormwater Management and Water Quality Surveys	PSYC 313	Psychological Testing	Tonia Bock
2017	Spring	Spring 2017	MWMO	Evaluating Stormwater Management Graphics	COJO 372	Environmental Communication	Mark Neuzil
2017	Spring	Spring 2017	UST	Community Ethnography Toolkit	ENGL 325	Ethnographic Writing	Todd Lawrence
2017	Summer	Summer 2017	MWMO	Stormwater Best Management Practices Curriculum Units + Pollinator Pathway Curriculum Units	TEGR 528 & EDUC 327	Engineering in the P-12 Classroom	Deborah Besser & Debbie Monson
2017	Summer	Summer 2017	Tiny Footprint Coffee	Examining Uses of Coffee Chaff (urban ag and garden mulch)	n/a	research	Chip Small & Adam Kay

2017	Summer	Summer 2017	Metro Transit	Advertizing and PR for the 63 Bus Line	COJO 234	Principles of Strategic Communication	Craig Bryan
2017	Fall	Fall 2017	City of Big Lake	Costs and Benefits of Going Paperless	OPMT 360	Service Operations Management	Sheneeta White
2017	Fall	Fall 2017	City of Big Lake	Designing Natural Playgrounds	ENGR 171	Engineering Graphics and Design	AnnMarie Thomas
2017	Fall	Fall 2017	City of Big Lake	Marketing the Northstar Village and Big Lake Marketplace	MKGT 600 (MBA Program)	Marketing Management	Avinash Malshe
2017	Fall	Fall 2017	Metropolitan Council	Community Climate Change Conversations	ENGL 315	Environmental Writing and Community Outreach	Salvatore Pane
2017	Fall	Fall 2017	Metropolitan Council	Earth's Record of Climate in Twin Cities Lakes	GEOL 462	Earth's Record of Climate	Carolyn Dykoski
2017	Fall	Fall 2017	Metropolitan Council	Climate Vulnerability GIS Projects	GEOG 321	Geographic Info Systems	David Kelley
2017	Fall	Fall 2017	Metro Transit	Strategic Communications to Promote Transit Lines to College Students	COJO 344	Writing for Strategic Communications	Craig Bryan
2017	Fall	Fall 2017	Metro Transit	Transit Surveys	MKTG 340	Marketing Research	David Harman
2017	Fall	Fall 2017	MWMO	River Stories: The Mississippi River and Ideas of Sanctuary	ENGL 121	Critical Thinking: Lit/Writing	Michael Raimondi
2017	Fall	Fall 2017	PLACE	Affordable Living	ECON 337	Economics of the Public Sector	Matthew Kim
2017	Fall	Fall 2017	UST Greenhouse	Developing Content for the University of St. Thomas Pollinator Path	SPAN 211	Intermediate Spanish 1	Susana Perez Castillejo
2017	Fall	Fall 2017	UST Greenhouse	Developing Content for the University of St. Thomas Pollinator Path	THEO 101	The Christian Theological Tradition	Angela Senander
2017	Fall	Fall 2017	Air Booth	Creating a Pre-Production Airbooth Model	ENGR 480	Engineering Senior Design Clinic	Steve Albers
2017	Fall	Fall 2017	Air Booth	Writing and Design for the Airbooth Website	COJO 258	Writing and Designing for the Web	John Keston
2018	Spring	Spring 2018	Metro Transit	Tracking Metro Transit's Fleet Vehicles	OPMT 360	Services Operations Management	Sheneeta White
2018	Spring	Spring 2018	UST Facilities	Designing Bike Racks	ENGR 171	Engineering Graphics and Design	AnnMarie Thomas
2018	Spring	Spring 2018	Metro Transit	Improving Customer Satisfaction for Native Spanish Speakers	SPAN 320	Business Spanish	Susana Perez Castillejo
2018	Spring	Spring 2018	PLACE	Analyzing and Communicating Costs for PLACE's EcoVillage Development	ECON 401	Managerial Decision Making	Monica Hartmann
2018	Spring	Spring 2018	MET Council	Promoting Employment Opportunities with the Metropolitan Council	COJO 344	Writing for Strategic Communication	Craig Bryan
2018	Spring	Spring 2018	Metro Transit	Tracking Metro Transit's Fleet Vehicles	CISC 321	Systems Analysis and Design II	Timothy Meyer
2018	Spring	Spring 2018	PLACE	Designing an 'Energy Champion' App for PLACE's EcoVillage Development	CISC 321	Systems Analysis and Design II	Timothy Meyer
2018	Spring	Spring 2018	Big Lake/MetroTransit	Assessing Ridesharing Opportunities for Big Lake Commuters	MKTG 340	Marketing Research	David Harman
2018	Spring	Spring 2018	Facilities	Survey Research: Bicycle Master Plan	MKTG 340	Marketing Research	David Harman
2018	Spring	Spring 2018	Metro Transit	"College Pass" Market Research	MBA	Advanced Business Research	Avinash Malshe
2018	Spring	Spring 2018	Facilities	Developing a Bicycle Master Plan	MBA	Advanced Business Research	Avinash Malshe
2018	Spring	Spring 2018	MET Council	Climate Vulnerability Assessment: Extreme Heat Report	ENVR 401	Environmental Studies Capstone	Tony Siebenaler-Ransom & Eric Wojchik
2018	Spring	Spring 2018	PLACE	Using Models to Explore Sustainability Goals and Tradeoffs	ESCI 310	Environmental Problem Solving	Chip Small
2018	Spring	Spring 2018	MET Council	Metro-wide Tree Planting Prioritization Analysis	GEOG 421	Advanced GIS	David Kelley
2018	Spring	Spring 2018	Metro Transit	Deterring Littering at Transit Stops	PSYC 334	Psychology of Sustainability	Britain Scott
2018	Spring	Spring 2018	UST Campus Sustainability	Highlights of Sustainable Achievements at the University of St. Thomas	ENGL 121	Critical Thinking: Lit/Writing	Alison Underthun-Meilahn
2018	Spring	Spring 2018	Metro Transit	Economics Data Competition	n/a	n/a	Economics Department
2018	Summer	Summer 2018	Pollinator Path	Modeling Pollinator Movement and Behavior	n/a	Center for Applied Math	student research
2018	Summer	Summer 2018	FWS	Modeling Mining Impacts on Groundwater	n/a	Center for Applied Math	student research