

TRANSPORTATION-RELATED COURSES – 2018/2019

Courses are every year, except as otherwise noted: * every other year, ** one-time offering

FALL 2018 (201810)	WINTER 2019 (201901)	SPRING 2019 (201903)
		Not yet scheduled as of June 2018
TTP 281 – ITS Seminar Series <i>Invited speakers</i>	TTP 281 – ITS Seminar Series <i>Invited speakers</i>	TTP 281 – ITS Seminar Series <i>Invited speakers</i>
TTP 282 – Transportation Orientation Seminar <i>Susan Handy</i> Fri 11:00-11:50	TTP 210 – Intro to Transportation Technology <i>Chris Nitta</i> Core Course	TTP 289B – STEPS Research Seminar <i>Dan Sperling</i> Tues 12:10-1:00
TTP 289B – STEPS Research Seminar <i>Dan Sperling</i> Tues 12:10-1:00	TTP 289B – STEPS Research Seminar <i>Dan Sperling</i> Tues 12:10-1:00	MGT 249 – Marketing Research <i>David Bunch</i>
		ARE 175 - Natural Resource Economics XXX Core Course
	ECI 149 – Introduction to Air Pollution <i>Christopher Cappa</i>	ARE 275 – Resource and Environmental Economics <i>Yeganeh Farzin</i> Core Course
ECI 153 – Deterministic System Optimization and Design	ECI 114 – Probabilistic Systems Analysis for Civil Engineers (prereq for ECI 251) <i>Michael Kleeman</i>	ESP 171 – Environmental Planning, Land Use and Growth Controls
*ECI/ESP 163 – Energy and Environmental Aspects of Transportation <i>Dan Sperling</i>	ECI 179 – Pavement Engineering <i>John Harvey</i>	ECI 241 - Air Quality Modeling <i>Michael Kleeman</i>
		ECI 114 – Probabilistic Systems Analysis <i>Miguel Jaller</i> (prereq for ECI 251)
ECI 244 – Life Cycle Assessment for Sustainable Engineering <i>Alissa Kendall</i>	ECI 251 – Transportation Demand Analysis <i>Miguel Jaller</i> Core Course	
ECI 256 - Urban Traffic Management and Control STAFF Core Course	ECI 254 – Data in the Built Environment <i>Deb Niemeier</i> Core Course	
		ECI 253 – Dynamic Programming and Multi- stage Decision Processes <i>Yueyue Fan</i> Core Course
ESP 168A – Methods of Environmental Policy Evaluation <i>Fran Moore</i>		* EBS 216 – Energy Systems <i>Bryan Jenkins</i> Core Alternative
LDA 205 - Physical Planning and Urban Design <i>Stephen Wheeler</i>	ESP 179 - Environmental Impact Assessment STAFF	
MAE 207 – Engineering Experimentation and Uncertainty Analysis <i>Cristina Davis</i> Core Course	PLS 205 – Experimental Design and Analysis <i>Daniel Runcie</i> Core Course	
EME 163 – Internal Combustion Engines and Future Alternatives <i>Jae Wan Park</i>	* MAE 217 – Combustion <i>Ralph Aldredge</i>	*ESP 212A – Environmental Policy Process <i>Gwen Arnold</i>
ARE 204A – Microeconomic Analysis <i>Pierre Merel</i> Core Course	*EME/MAE 234 – Design and Dynamics of Road Vehicles <i>Donald Margolis</i>	GEO 200CN – Quantitative Geography <i>Sheryl-Ann Simpson</i> Core Course
ARE 254 - Dynamic Optimization Techniques with Economic Applications STAFF Core Course	ARE 176 - Environmental Economics <i>Kevin Novan</i> Core Course	MAE 207 – Engineering Experimentation and uncertainty Analysis <i>Cristina Davis</i> Core Course
STA 206 – Statistical Methods for Research <i>Jie Peng</i> Core Course	ECN 125 – Energy Economics <i>James Bushnell</i> Core Course	MAE 269 – Fuel Cell Systems <i>Paul Erickson</i>

TRANSPORTATION-RELATED COURSES – 2017/2018

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FALL 2017 (201710)	WINTER 2018 (201801)	SPRING 2018 (201803)
TTP 281 – ITS Seminar Series <i>Invited speakers</i>	TTP 281 – ITS Seminar Series <i>Invited speakers</i>	TTP 281 – ITS Seminar Series <i>Invited speakers</i>
TTP 282 – Transportation Orientation Seminar <i>Susan Handy</i>	TTP 200 – Transportation Survey Methods <i>Staff Core Course</i>	*TTP 220 – Transportation Policy <i>Susan Handy Core Course</i>
TTP 289B – STEPS Research Seminar <i>Joan Ogden</i>	TTP 210 – Intro to Transportation Technology <i>Chris Nitta Core Course</i>	TTP 289B – STEPS Research Seminar <i>Joan Ogden</i> Tues 12:10-1:00
TTP 289A – Transportation and Energy Journal Review <i>Joan Ogden</i>	TTP 289B – STEPS Research Seminar <i>Joan Ogden</i>	
	TTP 289A – Transportation and Energy Journal Review <i>Joan Ogden</i>	ECI 114 – Probabilistic Systems Analysis for Civil Engineers (prereq for ECI 251) <i>Miguel Jaller</i>
ECI 149 – Introduction to Air Pollution <i>Chris Cappa</i>	EBS 216 Energy Systems <i>Bryan Jenkins Core Alternative Course</i>	
ECI 153 – Deterministic System Optimization and Design <i>Jay Lund</i>	ECI 114 – Probabilistic Systems Analysis for Civil Engineers (prereq for ECI 251) <i>Michael Kleeman</i>	ECI 241 - Air Quality Modeling <i>Michael Kleeman</i>
*ECI 165 – Transportation Policy <i>Dan Sperling</i>		ECI 253 – Dynamic Programming and Multi- stage Decision Processes <i>Yueyue Fan Core Course</i>
ECI 179 – Pavement Engineering <i>John Harvey</i>	ECI 257 – Flows in Transp. Networks <i>Michael Zhang</i>	ECI 268 – Infrastructure Economics <i>Lund</i> M/W/F 9:00-9:50
ECI 244 – Life Cycle Assessment for Sustainable Engineering <i>Alissa Kendall</i>	ECI 289H – Transportation Planning: Freight Transportation Systems <i>Miguel Jaller</i>	
ECI 251 – Transportation Demand Analysis <i>Miguel Jaller Core Course</i>		
ECI 256 - Urban Traffic Management and Control <i>Michael Zhang Core Course</i>		ECN 125 – Energy Economics <i>Staff Core Course</i>
EME 163 – Internal Combustion Engines and Future Alternatives <i>Staff</i>	EBS 265 – Design and Analysis of Engineering Experiments <i>Core Course</i>	*ESP 167 - Energy Policy <i>Joan Ogden</i>
ESP 168A – Methods of Environmental Policy Evaluation <i>Frances Moore</i>		ESP 171 – Environmental Planning, Land Use and Growth Controls <i>Susan Handy</i>
LDA 205 - Physical Planning and Urban Design <i>Steve Wheeler</i>	*EME/MAE 234 – Design and Dynamics of Road Vehicles <i>D. Margolis</i>	
MAE 207 – Engineering Experimentation and uncertainty Analysis <i>Benjamin Shaw Core Course</i>	PLS 205 – Experimental Design and Analysis <i>Core Course</i>	
*MAE 218 – Advanced Energy Systems <i>Paul Erickson Core Alternative</i>	ARE 176 - Environmental Economics <i>Staff Core Course</i>	GEO 200CN – Quantitative Geography <i>Robert Hijmans Core Course</i>
ARE 204A – Micro Analysis I <i>Pierre Merel Core Course</i>	ARE 252 - Applied Linear Programming <i>Quirino Paris Core Course</i>	ARE 175 - Natural Resource Economics
ARE 254 - Dynamic Optimization Techniques with Economic Applications <i>Jim Wilen and Cynthia Lin Core Course</i>	ARE 275 Economic Analysis of Resource and Environmental Policies <i>Kevin Novan Core Course</i>	