CURRICULUM SIS ENTRY

- [x] 1. Check Course Number
- [ ] 2. SCACRSE
- [ ] 3. SCADETL
- [ ] 4. SCASYLB
- [ ] 5. SCARRES
- [ ] 6. SMAALIB
- [ ] 7. SMAAREA
- [ ] 8. SCAPREQ
- [ ] 9. Summer Prereq
- [ ] 10. SZACXRF / CBM003

TEXAS STATE UNIVERSITY
COURSE ADDITION FORM

1. Effective Semester : Fall 2016

2. College: Liberal Arts	**3.** Department/School/Program: Sociology

4. Prefix/Subject				Number				
S	O	C	I	5	3	6	7	

5. Course Title:

Proposed Long	Seminar in Sustainable Cities

Abbreviated (18 characters only including spaces)

S	U	S	T	A	I	N		C	I	T	I	E	S				

6. Course Description (complete sentences in 50 words or less): This course analyzes the complex relationship between urbanization and environmental change from a sociological perspective. Overarching themes include sustainability and environmental justice.

7. Prerequisites (Including Minimum Grade Required): None	**9.** Restrictions: None
8. Co-Requisites (Including Concurrent Enrollment Allowed): None	

10. Course Data

CIP Code (10 digits - no spaces or periods)									
4	5	1	1	0	1	0	0	0	1

Instruction Type		Lecture Contact Hours	Lab Contact Hours	Credit Hours	Repeatable for Credit?		Maximum Credit Hours Allowed
1-Lecture	☐	3.0	0.0	3.0	Yes	☐	3.0
2-Lab	☐				No	☒	
3-Practicum/Intrnshp	☐						
4-Seminar	☒						
5-Independent Study	☐						
6-Private Lesson	☐						
8-Thesis	☐						
9-Dissertation	☐						
0-Individualized	☐						
C-Clinical	☐						

Writing Intensive?		Topics Course?	
Yes	☐	Yes	☐
No	☒	No	☒

Valid Grade Mode (choose only one) (See PPS 4.07 for definitions.)	
Standard Letter	☒
Credit/ No Credit	☐
Leveling/Assistantships/ESL	☐
Developmental	☐

Course Equivalency(s) (Prefix and Number)
None

11. Justification for the course action:	
Degree: M.A. and M.S.	Major: Sociology; Applied Sociology; Sustainability Studies
Minor: Sociology	Certificate: None

Explain why the new course is needed.
The course provides graduate students an opportunity to explore the connections between environmental sustainability and urban life. Sustainability is one of the most complex and pressing issues in contemporary society, thus, a sociologically-grounded approach offers new insights and perspectives for students to engage in theoretically, empirically, and applications of this aspect of environmental sustainability.

12. Course Goals and Objectives:

- Must be stated in measurable terms using action verbs. Please refer to *Bloom's Taxonomy of Measurable Verbs*.

By the end of the semester students will be able to do the following:

- Understand sociological theories regarding urbanization and environmental change
- Utilize social science concepts to evaluate the sustainability of cities
- Scrutinize connections between sustainability and environmental justice
- Identify a sustainability issue being discussed in the city of San Marcos

13. Description of Instructional Methodologies:

- Examples include lecture, discussions, group projects, role playing, simulations, modeling, field-based activities, writing, cooperative learning, inquiry, experimentation, product design, creative activities, case studies, seminars, internship activities, coaching, etc.

The course will be a traditional graduate seminar. Students will be expected to lead class discussions based on the assigned readings. There will be two exams as well as a final paper to test comprehension of the material. The students will also be expected to work in groups to present information about a sustainability issue experienced in the city of San Marcos.

14. Assessment of Student Learning:

- Examples include tests, projects, presentations, performances, creative works, papers, etc.
- Must include percentages of total grade assigned.
- Must have distinct differences between a graduate level course and an undergraduate course (in case of stacked courses).

The course grade will be computed as follows:

Participation/Discussion:	20%
Two Exams:	30%
Group Report:	20%
Final Paper:	30%

15. Course Outline:

- Provide a weekly outline as appropriate for an example semester in which the course will be taught.

Week 1: Overview of the Course	Week 9: Density and Design
Week 2: Cities and Sustainability: Defining the Problem	Week 10: Cars and Sprawl
Week 3: How Do Cities Grow…and Die?	Week 11: Globalization, Slums, and the Third World
Week 4: The Town-Country Antithesis / The Rural-Urban Divide	Week 12: Urban Environmental Inequalities
Week 5: Urban Metabolism	Week 13: The Environment, Gender, and Reproduction in Urban Societies
Week 6: Urbanization and Landscape Transformation	Week 14: Can We Grow Food in Cities?
Week 7: Do Cities Have Big Footprints?	Week 15: Debate: Should we live in cities? Should we live in the country?
Week 8: Mid-Semester Reflection and Transition	Week 16: Final Exam

16. Suggested Textbook(s) and Other Learning Resources:

- Must list the required and/or recommended resources (e.g., relevant textbooks, course packets, websites), with complete bibliographical data (author, title, date and other publication data) in a standard academic format (e.g., CBE, APA, MLA, Chicago, etc.)

Alkon, Alison. 2012. *Black White and Green: Race, Farmers Markets and the Green Economy*.
Atlanta, GA: University of Georgia Press.

Davis, Mike. 1998. *Ecology of Fear: Los Angeles and the Imagination of Disaster*. New York: Metropolitan Books.

DeFries, Ruth S. 2014. *The Big Ratchet: How Humanity Thrives in the Face of Natural Crisis*. New York: Basic Books.

Gonzalez, George A. 2009. *Urban Sprawl, Global Warming, and the Empire of Capital*. Albany, NY: State University of New York Press.

Mclaren, Duncan and Julian Agyeman. 2015. Sharing Cities: A Case for Truly Smart and Sustainabl Cities. Cambridge, MA: MIT Press.

Pinderhughes, Raquel. 2004. *Alternative Urban Futures: Planning for Sustainable Development in Cities throughout the World*. Lanham, MD: Rowman & Littlefield Publishers, Inc.

17. Bibliography:

- Must include literature other than required textbooks and other learning resources.
- Must demonstrate familiarity with current research. Ordinarily, the bibliography should include scholarship published during the last five years.
- Must conform to a standard academic format (e.g., CBE, APA, MLA, Chicago, etc.) Each bibliography will use only one format.

Araghi, Farshad A. 2000. "The Great Global Enclosure of Our Times: Peasants and the Agrarian Question at the End of the Twentieth Century." Pp. 145-60 in *Hungry for Profit: The Agribusiness Threat to Farmers, Food, and the Environment*, edited by Fred Magdoff, John Bellamy Foster, and Frederick H. Buttel. New York: Monthly Review Press.

Clark, Brett. 2003. "Ebenezer Howard and Marriage of Town & Country: An Introduction to Howard's Garden Cities of Tomorrow." *Organization & Environment* 16(1): 87-97.

Clement, Matthew Thomas. 2010. "Urbanization and the Natural Environment: An Environmental Sociological Review and Synthesis." *Organization & Environment* 23(3):271-290.

Clement, Matthew Thomas and Elizabeth Podowski. 2013. "Intensifying the Countryside: A Sociological Study of Cropland Lost to the Built Environment in the United States, 2001-2006." *Social Forces* 92 (2): 815-838.

Cronon, William. 1992. *Nature's Metropolis*. New York, NY: Norton.

Crowder, Kyle and Liam Downey. 2010. "Interneighborhood Migration, Race, and Environmental Hazards: Modeling Microlevel Processes of Environmental Inequality." *American Journal of Sociology* 115(4): 1110-49.

DeFries, Ruth. S., Thomas Rudel, Maria Uriarte, and Matthew Hansen. 2010. "Deforestation Driven by Urban Population Growth and Agricultural Trade in the Twenty-First Century." *Nature Geoscience* 3: 178-181.

Elliott, James R. and Matthew Thomas Clement. 2014. "Urbanization and Carbon Emissions: A Nationwide Study of Local Countervailing Effects in the United States." *Social Science Quarterly* 95(3): 795–816.

Elliott, James R. and Scott Frickel. 2013. "The Historical Nature of Cities: A Study of Urbanization and Hazardous Waste Accumulation. *American Sociological Review* 78(4): 521-543.

Ergas, Christina. 2010. "A Model of Sustainable Living: Collective Identity in an Urban Ecovillage." *Organization & Environment* 23(1): 32-54.

Foster, John Bellamy. 1999. "Marx's Theory of Metabolic Rift: Classical Foundations for Environmental Sociology." *American Journal of Sociology* 105(2): 366-405.

Gately, Conor K., Lucy R. Hutyra, and Ian Sue Wing. 2015. "Cities, Traffic, and CO2: A Multidecadal Assessment of Trends, Drivers, and Scaling Relationships." *Proceedings of the National Academy of Sciences.* khttp://dx.doi.org/10.7910/DVN/28999.

Grimm, Nancy B., Stanley H. Faeth, Nancy E. Golubiewski, Charles L. Redman, Jianguo Wu, Xuemei Bai, John M. Briggs. 2008. "Global Change and the Ecology of Cities." *Science* 319:756-760.

Hayden, Dolores. 1980. "What Would a Non-Sexist City Be Like? Speculations on Housing, Urban Design, and Human Work." *Signs* 5(3): S170-S187.

Heynen, Nikolas C., Maria Kaika, and Erik Swyngedouw. 2006. *In the Nature of Cities: Urban Political Ecology and the Politics of Urban Metabolism*. New York: Taylor & Francis

Hooke, Roger LeB., José F. Martín-Duque, and Javier Pedraza. 2012. "Land Transformation by Humans: A Review." *GSA Today* 22(12): 4-10.

Ingram, Gregory K., Armando Carbonell, Yu-Hung Hong, and Anthony Flint. 2009. *Smart Growth Policies: An Evaluation of Programs and Outcomes*. Cambridge, MA: Lincoln Institute of Land Policy.

Jacobs, Jane. 1961. *The Death and Life of Great American Cities*. New York: Vintage Books.

Jones, Christopher and Daniel M. Kammen. 2014. "Spatial Distribution of U.S. Household Carbon Footprints Reveals Suburbanization Undermines Greenhouse Gas Benefits of Urban Population Density." *Environmental Science & Technology* 48: 895-902.

Jorgenson Andrew, Daniel Auerbach, and Brett Clark. 2014. "The (De-)Carbonization of Urbanization, 1960-2010." *Climatic Change* 127:561-575.

Lawler, Andrew. 2012. "Uncovering Civilization's Roots." *Science* 335: 790-793.

Lichter, Daniel T. and David L. Brown. 2011. "Rural America in an Urban Society: Changing Spatial and Social Boundaries." *Annual Review of Sociology* 37:565-92.

Mancus, Philip. 2007. "Nitrogen Fertilizer Dependency and Its Contradictions: A Theoretical Exploration of Social-Ecological Metabolism." *Rural Sociology* 72(2): 269–288.

Marcotullio, Peter J., Sara Hughes, Andrea Sarzynski, Stephanie Pincetl, Landy Sanchez Peña, Patricia Romero-Lankao, Daniel Runfola, and Karen C. Seto. 2014. "Urbanization and the Carbon Cycle: Contributions from Social Science." *Earth's Future* 2(10): 496-514.

McClintock, Nathan. 2010. "Why farm the city? Theorizing urban agriculture through a lens of metabolic rift." *Cambridge Journal of Regions, Economy, and Society* 3(2): 191-207.

McKinney, Laura A. 2013. "A Study of Sustainability: Entropy and the Urban/Rural Transition." Pp. 257-284 in *Readings in Critical Rural Theory*, edited by G. Fulkerson and A. Thomas. Lanham, MD: Lexington Books.

Melia, Steve, Graham Parkhurst, and Hugh Barton. 2011. "The Paradox of Intensification." *Transport Policy* 18: 46-52.

Molotch, Harvey. 1976. "The City as a Growth Machine: Toward a Political Economy of Place." *American Journal of Sociology* 82(2): 309-32.

Neuman, Michael. 2005. "The Compact City Fallacy." *Journal of Planning Education and Research* 25: 11-26.

Newman, Peter. 2006. "The Environmental Impact of Cities." *Environment & Urbanization* 18(2): 275–295.

Nielsen, Erik Solevad. 2014. "Smart Growth Machines: The Ecological Modernization of Urban Political Economy." Pp.169 - 190 in *From Sustainable to Resilient Cities: Global Concerns and Urban Efforts (Research in Urban Sociology, Volume 14)*, edited by William G. Holt. New York: Emerald Group Publishing Limited.

Odum, Howard T. and Elisabeth C. Odum. 2001. *A Prosperous Way Down: Principles and Policies*. Boulder, CO: University of Colorado.

Pinderhughes, Raquel. 2004. *Alternative Urban Futures: Planning for Sustainable Development in Cities throughout the World*. Lanham, MD: Rowman & Littlefield Publishers, Inc.

Ponting, Clive. 2007. *A New Green History of the World: The Environment and the Collapse of Great Civilizations*. New York: Penguin Books.

Rees, William E. and Mathis Wackernagel. 1996. "Urban Ecological Footprints: Why Cities Cannot Be Sustainable-and Why They Are a Key to Sustainability." *Environmental Impact Assessment Review* 16: 223-248.

Robinson, Lin, Joshua P. Newell and John M. Marzluff. 2005. "Twenty-Five Years of Sprawl in the Seattle Region: Growth Management Responses and Implications for Conservation." *Landscape and Urban Planning* 71(1): 51-72.

Rudel, Thomas K.2009. "How Do People Transform Landscapes? A Sociological Perspective on Suburban Sprawl and Tropical Deforestation." *American Journal of Sociology* 115(1): 129–54.

Satterthwaite, David. 2008. "Cities' Contribution to Global Warming: Notes on the Allocation of Greenhouse Gas Emissions." *Environment & Urbanization* 20(2): 539–549.

Schneider, Mindi and Philip McMichael. 2010. "Deepening, and Repairing, the Metabolic Rift." *Journal of Peasant Studies* 37(3): 461-484.

Schwarz, Kirsten, Michail Fragkias, Christopher G. Boone, Weiqi Zhou, Melissa McHale, J. Morgan Grove, Jarlath O'Neil-Dunne, Joseph P. McFadden, Geoffrey L. Buckley, Dan Childers, Laura Ogden, Stephanie Pincetl, Diane Pataki, Ali Whitmer, Mary L. Cadenasso. 2015. "Trees Grow on Money: Urban Tree Canopy Cover and Environmental Justice." *PLoS ONE* 10(4): e0122051. doi:10.1371/journal.pone.0122051.

Tamayao, M. M., M. F. Blackhurst, and H. S. Matthews. 2014. "Do US Metropolitan Core Counties Have Lower Scope 1 and 2 CO2 Emissions than Less Urbanized Counties?" *Environmental Research Letters* 9(10): 1-9

United Nations. 2009. *Gender Equality and Sustainable Urbanization*. New York: United Nations.

Wachsmuth, David. 2012. "Three Ecologies: Urban Metabolism and the Society-Nature Opposition." *The Sociological Quarterly* 53(4): 506–523.

Worldwatch Institute, The. 2007. *State of the World 2007: Our Urban Future*. New York: W. W. Norton & Company.

18. Approvals:

Department Chair/Program Director/School Director	Date 2/10/16
Chair of College Curriculum Committee	Date FEB 10 2016
Dean of College	Date FEB 10 2016
Dean of The Graduate College (if applicable)	Date 2/11/2016
Chair of University Curriculum Committee (if applicable)	Date