

ECO 370-S1 Evolutionary Economics * Syllabus subject to possibility of alteration to improve readings, timing, etc.					
Event	Week	Topic	Date	DUE	Reading
	1	Evolution and Social Science	M 31-Aug		Nelson, Richard. "Evolutionary Social Science and Universal Darwinism." <i>Journal of Evolutionary Economics</i> 16, no. 5 (December 1, 2006): 491–510.
			W 2-Sep		H&K 1
			F 4-Sep	PRACTICE	H&K 2
Labor Day	2	-----	M 7-Sep		-----
		Controversies & Debates	W 9-Sep		H&K 3
			F 11-Sep	PRÉCIS	Levit, Georgy S., Uwe Hossfeld, and Ulrich Witt. "Can Darwinism Be 'Generalized' and of What Use Would This Be?" <i>Journal of Evolutionary Economics</i> 21, no. 4 (October 1, 2011): 545–62.
	3	Social Evolution	M 14-Sep		H&K 4
			W 16-Sep		H&K 5
			F 18-Sep	PRACTICE	Henrich, J., Boyd, R., & Richerson, P. J. (2008). Five misunderstandings about cultural evolution. <i>Human Nature</i> , 19(2), 119–137.
	4	Group Selection	M 21-Sep		Borrello, Mark E. 2005. "The Rise, Fall and Resurrection of Group Selection." <i>Endeavour</i> 29 (1): 43–47.
			W 23-Sep		Gowdy, John, and Irmi Seidl. 2004. "Economic Man and Selfish Genes: The Implications of Group Selection for Economic Valuation and Policy." <i>The Journal of Socio-Economics</i> 33 (3): 343–58.
			F 25-Sep	PRÉCIS	H&K 7
	5	Organizations	M 28-Sep		Lemos, J. (2009). In Defense of Organizational Evolution A Reply to Reydon and Scholz. <i>Philosophy of the Social Sciences</i> , 39(3), 463–474.
			W 30-Sep		Barnett, W.P., & Hansen, M.T. (1996) The req queen in organizational evolution. <i>Strategic Management Journal</i> , 17(S1), 139-157.
			F 2-Oct	PRACTICE, TOPIC	Carroll, G. R., Harrison, J. R., & McKendrick, D. G. (2012). Selection and variation in organizational evolution. <i>Industrial and Corporate Change</i> , 21(1), 217–243.
	6	Scholars Past & Present	M 5-Oct		Veblen, Thorstein. 1898. "Why Is Economics Not an Evolutionary Science?" <i>The Quarterly Journal of Economics</i> 12 (4): 373–97.
			W 7-Oct		Dobusch, Leonhard, and Jakob Kapeller. 2009. "Why Is Economics Not an Evolutionary Science? New Answers to Veblen's Old Question." <i>Journal of Economic Issues</i> XLIII (4): 867–98.
			F 9-Oct	PRÉCIS	Cordes, C. (2007). Turning Economics into an Evolutionary Science: Veblen, the Selection Metaphor, and Analogical Thinking. <i>Journal of Economic Issues</i> , 41(1), 135–154.
Fall Break	7	-----	M 12-Oct		-----
		Scholars Past & Present	W 14-Oct		Nelson, Richard R., and Sidney G. Winter. 1974. "Neoclassical vs. Evolutionary Theories of Economic Growth: Critique and Prospectus." <i>The Economic Journal</i> 84 (336): 886–905.
			F 16-Oct	PRACTICE	Gowdy, John M., Denise E. Dollimore, David Sloan Wilson, and Ulrich Witt. 2013. "Economic Cosmology and the Evolutionary Challenge." <i>Journal of Economic Behavior & Organization</i> 90, Supplement (June): 511–20.
	8	Evolutionary Social Sciences	M 19-Oct		Brown, G. R., & Richerson, P. J. (2013). Applying evolutionary theory to human behaviour: past differences and current debates. <i>Journal of Bioeconomics</i> , 16(2), 105–128.
			W 21-Oct		Cosmides, Leda, and John Tooby. 1994. "Better than Rational: Evolutionary Psychology and the Invisible Hand." <i>The American Economic Review</i> 84 (2): 327–32.
			F 23-Oct	FULL DRAFT	Timothy M. Waring, Goff, S.H., & Smaldino P.E., (submitted) The Evolution of Sustainable Institutions via Cultural Group Selection. <i>Ecological Economics</i>
TW-NIMBioS	9	Communication	M 26-Oct		FRANK 1
TW-NIMBioS			W 28-Oct		FRANK 2
TW-NIMBioS			F 30-Oct	CLASS REPORT	FRANK 3
	10	Evolutionary Methods	M 2-Nov		Safarzynska, Karolina, and Jeroen C. J. M. van den Bergh. 2010. "Evolutionary Models in Economics: A Survey of Methods and Building Blocks." <i>Journal of Evolutionary Economics</i> 20 (3): 329–73.
			W 4-Nov		Tesfatsion, Leigh. 2003. "Agent-Based Computational Economics: Modeling Economies as Complex Adaptive Systems." <i>Information Sciences</i> 149 (4): 262–68.
			F 6-Nov	METHODS WORK	Chen, Shu-Heng. 2012. "Varieties of Agents in Agent-Based Computational Economics: A Historical and an Interdisciplinary Perspective." <i>Journal of Economic Dynamics and Control</i> 36 (1): 1–25.
	11	Evolutionary Methods	M 9-Nov		Leombruni, Roberto, and Matteo Richiardi. 2005. "Why Are Economists Sceptical about Agent-Based Simulations?" <i>Physica A: Statistical Mechanics and Its Applications, Market Dynamics and Quantitative Economics Selection of papers presented at the First Bonzenfreies Colloquium on Market Dynamics and Quantitative Economics</i> , 355 (1): 103–9.
Veterans day		-----	W 11-Nov		-----
			F 13-Nov	~	Louie, Marcus A., and Kathleen M. Carley. 2008. "Balancing the Criticisms: Validating Multi-Agent Models of Social Systems." <i>Simulation Modelling Practice and Theory, Simulating Organisational Processes</i> , 16 (2): 242–56.
	12	Topics & Applications	M 16-Nov		Rashid, Salim, Youngeun Yoon, and Shakil Bin Kashem. 2011. "Assessing the Potential Impact of Microfinance with Agent-Based Modeling." <i>Economic Modelling</i> 28 (4): 1907–13.
			W 18-Nov		Dopfer, Kurt, John Foster, and Jason Potts. 2004. "Micro-Meso-Macro." <i>Journal of Evolutionary Economics</i> 14 (3): 263–79. doi:10.1007/s00191-004-0193-0.
			F 20-Nov	~	Foster, John. 2011. "Evolutionary Macroeconomics: A Research Agenda." <i>Journal of Evolutionary Economics</i> 21 (1): 5–28.
	13		M 23-Nov		Safarzynska, Karolina, Roy Brouwer, and Marjan Hofkes. 2013. "Evolutionary Modelling of the Macro-Economic Impacts of Catastrophic Flood Events." <i>Ecological Economics</i> 88 (April): 108–18.
Thanksgiving		-----	W 25-Nov		-----
Thanksgiving			F 27-Nov		-----
TW-SESYNC	14	Communication	M 30-Nov		FRANK
TW-SESYNC			W 2-Dec		FRANK
TW-SESYNC			F 4-Dec	CLASS REPORT	FRANK
	15		M 7-Dec		
			W 9-Dec	FINAL PAPER	
			F 11-Dec		