



UNIVERSIDADE FEDERAL DE OURO PRETO
PROGRAMA DE PÓS-GRADUAÇÃO EM ECONOMIA
PROGRAMA DE DISCIPLINA



Course: Economic Demography			CODE: CSA XXX	
Professor: Mirian Martins Ribeiro			Nature: Elective	
Equivalent code:				
Department: DEECO			Unity: ICSA	
Hour/week: 3h/h	Theory 03	Practice 0	Number of Weeks: 10	Hour/Semester: 30h
OVERVIEW				
<p>Course directed to the public that had no or contact with demographic courses. The aim is to introduce basic demographic concepts and measures; analyze the Brazilian demographic dynamics from the middle of the twentieth century and contextualize it <i>vis à vis</i> the international experiences; to discuss possible effects of demographic changes on economic variables.</p>				
PROGRAM CONTENT				
<ol style="list-style-type: none">1. Basic Concepts and Measures in Demography<ol style="list-style-type: none">1.1 Demographic variables: definitions, concepts and measures1.2 Population composition by sex and age1.3 Components of population growth1.4 Methods of standardizing global rates2. Demographic transition<ol style="list-style-type: none">2.1 Theory of demographic transition2.2 Demographic transition in Europe and the United States2.3 Demographic transition in Latin America2.4 Demographic transition in Brazil3. Economic consequences of the demographic transition<ol style="list-style-type: none">3.1 Distribution of income3.2 Labor market;3.3 Intergenerational transfers (pension models)3.4 Health				
EXAMINATION				
<ul style="list-style-type: none">• Test: 35%• Seminar: 35%.• Final work: 30%.				



REFERENCES

1. Basic Concepts and Measures in Demography

CARVALHO, J.A.M.; SAWYER, D.; RODRIGUES, R.N. (1988) Introdução a alguns conceitos básicos e medidas em demografia: Belo Horizonte: Série Textos Didáticos N.1 ABEP, 1994. 63 p. http://www.ifch.unicamp.br/pos/dm/selecao/2008/texto_carvalho.pdf (B)

GIVISIEZ, G. H. N.; CERQUEIRA, César Augusto. Conceitos básicos em demografia e dinâmica demográfica brasileira. In: RIOS-NETO, Eduardo Luiz G.; RIANI, Juliana de Lucena. (Org.). Introdução à demografia da educação. Campinas: Associação Brasileira de Estudos Populacionais, 2004, p. 15-44.

LIVIBACCI, MASSIMO. Introducción a la demografía. Barcelona: Ariel, 1993.

POPULATION REFERENCE BUREAU. (2011) Population Reference Bureau's Population Handbook - Arthur Haupt, THomas T. Kane and Carl Haub (Sixth edition). <http://www.prb.org/pdf11/prb-population-handbook-2011.pdf> - <http://www.prb.org/Publications/Reports/2011/prb-population-handbook-2011.aspx>

HAUPT ARTHUR, KANE THOMAS T. AND HAUB CARL. Population Reference Bureau. Population Reference Bureau's Population Handbook - (Sixth edition), 2011. Disponível em <http://www.prb.org/pdf11/prb-population-handbook-2011.pdf>

Poston Dudley L Jr. Age and Sex. In *Handbook on Population*, Michael Micklin and Dudley Poston, eds., Kluwer Academic/Plenum Publishers, 2005.

PRESTON, S., HEUVELINE, P. e GUILLOT, M. *Demography Measuring and Modeling Population Process*. Oxford: Blackwell Publishers, 2001.

WACHTER, K.W. *Essential Demographic Methods*. Havard University Press, 2014.

WELTI, Carlos (ed.). Demografia I. Santiago de Chile: CELADE, 1998. 237p.

VALLIN, J. (1994) La Demografía. Centro Latinoamericano de Demografía (CELADE) Serie E, N ° 41, Santiago, Chile, octubre de 1994. <http://archivo.cepal.org/pdfs/1994/S9400508.pdf>

2. Demographic transition

BONGAARTS J. Human population growth and the demographic transition *Philos Trans R Soc Lond B Biol Sci.* 2009 Oct 27; 364(1532): 2985–2990.

CARVALHO, J. A. M. ; WONG L. L. R. . A transição da estrutura etária da população brasileira na primeira metade do século XXI. *Cadernos de Saúde Pública*, v. 24, p. 597-605, 2008.

CEPAL. Demographic change and its influence on development in Latin America and the Caribbean. American and Caribbean Demographic Centre (CELADE) - Population Division of ECLAC.2008.

COALE, A. J. (1979) The demographic transition: a summary, some lessons and some observations. In:



CHO, L., KATUMASA, K. (eds.). Fertility Transition of East-Asian Populations. Honolulu: University Press of Hawaii. Cap. 2: 9-23.

DAVIS, K. (1963) The theory of change and response in modern demographic history. Population Index, Vol. 29 (4): 345-66.

FRANK WM.; OECHSLI; DUDLEY KIRK. Modernization and the Demographic Transition in Latin America and the Caribbean. Economic Development and Cultural Change. Vol. 23, No. 3 (Apr., 1975), pp. 391-419.

GRAGNOLATI M., JORGENSEN O. H., ROCHA R., FUTTERO A. Become old in older Brazil. Implications of Population Aging on Growth, Poverty, Public Finance and Service Delivery. Document of the World Bank. APRIL 2011.

GUZMÁN J.M., RODRÍGUEZ J., MARTÍNEZ J.; CONTRERAS J. M; GONZÁLEZ D. The Demography of Latin America and the Caribbean since 1950. Population-E 2006, 61(5-6), 519-576.

LEE, R. The Demographic Transition: Three Centuries of Fundamental Change. *Journal of Economic Perspectives* 17. 2003.

LESTAEGHE, R. J. Second Deographic Transition. Blackwell Encyclopedia of Sociology. Willey-Blackwel, 2007.

NOTESTEIN, F. Population - the long view. In: SCHULTZ, T. W. (ed.). Food forthe World. Chicago: University of Chicago Press, 1945.

POOL, I. (Org.); WONG L. L. R. (Org.) ; VILQUIN, E. (Org.) . Age-Structural Transitions ? Challenges for Development. 1. ed. PArís: CICRED, 2006. v. 1. 376p .

POOL, I.; WONG L. L. R. . Age-Structural Changes and Policy: an Emerging Issue. In: Ian Pool; Wong, L. Eric Vilquin. (Org.). Age-Structural Transitions ? Challenges for Development. 1ed.Paris: CICRED, 2005, v. 1, p. 3-20.

UHLENBERG P. Demography of Aging. In *Handbook on Population*, Michael Micklin and Dudley Poston, eds., Klerwer Academic/Plenum Publishers, 2005.

VASCONCELOS, Ana Maria Nogales; GOMES, Marília Miranda Forte. Transição demográfica: a experiência brasileira. Epidemiol. Serv. Saúde, Brasília , v. 21, n. 4, p. 539-548, dez. 2012 .

WONG L. L. R.; JAM, C. Timing of demographic transition in Latin American and its links with human development. Estudios Demográficos E Urbanos, v. 1, 2000.

WONG L. L. R.; CARVALHO, José Alberto Magno de . Age Structural Transition In Brazil? Demographic Bonuses And Emerging Challenges. In: Pool, I.; Wong, L.; Vilquin E. (Org.). Age-Structural Transitions? Challenges for Development. 1ed.PArís: CICRED, 2006, v. 1, p. 159-200.

WONG L. L. R.; JAM, C. FERTILITY TRANSITION AND AGE PATTERNS CHANGES IN BRAZIL. RELVANCE FOR SOME SOCIO-ECONOMICS POLICIES. In: HILL K.; MORELOS J.B.; WONG R.. (Org.). LAS CONSECUENCIAS DE LAS TRANSICIONES DEMOGRÁFICAS Y EPIDEMIOLOGICAS EN AMÉRICA LATINA. : , 1999, v. , p. -.



WONG L. L. R.; WONG, L. L. R.; CARVALHO, J. A. M. . The fertility transition in Brazil: causes and consequences. In: GUSMAN, J. M.; SINGH, S.; RODRIGUEZ, G. & PANTELIDES, E. (Org.). The fertility transition in latin america. 1ed.Oxford - Grã-Bretanha: Oxford university press, 1996, v. 1, p. -.

WONG L. L. R.; CARVALHO, J. A. M. Convergence of the Sub-National Age Structural Transitions and Windows of Opportunity: The case of Brazil. 2008. (Apresentação de Trabalho/Congresso).

ZAVALA C.M.E. The demographic transition in Latin America and Europe. Notas Poblacion. 1992 Dec; 20(56):11-32.

3. Economic consequences of demographic transition

BYASS, P. Essential evidence for guiding health system priorities and policies: anticipating epidemiological transition in Africa. *Glob Health Action* 2014, 7: 23359 - <http://dx.doi.org/10.3402/gha.v7.23359>

HARDIN G. The Tragedy of the Commons. *Science*, Vol. 162, 1968.

HUENCHUAN, S. Envejecimiento, solidaridad y protección social en América Latina y el Caribe La hora de avanzar hacia la igualdad - Comisión Económica para América Latina y el Caribe (CEPAL) Santiago de Chile, 2013. Libros de la CEPAL, 117, 2013. http://repositorio.cepal.org/bitstream/handle/11362/2617/1/LCG2553P_es.pdf

JEFFREY G. WILLIAMSON. Growth, Distribution, and Demography: Some Lessons from History *EXPLORATIONS IN ECONOMIC HISTORY* 35, 241–271 (1998)

KAWACHI I.; SUBRAMANIAN S. V. Health Demography. In *Handbook on Population*, Michael Micklin and Dudley Poston, eds., Kluwer Academic/Plenum Publishers, 2005.

KEYFITZ N. One demography properties of transfer schemes: how to achieve equity between the generations. In: LEE R.; ARTHUR W. B.; RODGERS G. (eds). *Economics of age distributions in developed countries*. Cap 5, 1988.

LEE, R.D. 2003. Demographic Change, Welfare and Intergenerational Transfers: a global overview". *Genus*, vol. LIX, no. 3-4, pp.43-70

LEE R.; MASON A. Some Macroeconomic Aspects of Global Population Aging, *Demography*, vol. 47, 2010

LEE R. Intergenerational transfers and the economic life cycle: a cross cultural perspective.

HAYWARD M. D.; WARNER D. F. The Demography of Population Health. In *Handbook on Population*, Michael Micklin and Dudley Poston, eds., Kluwer Academic/Plenum Publishers, 2005.

MASON, A. Economic Demography, in *Handbook on Population*, Michael Micklin and Dudley Poston, eds., Kluwer Academic/Plenum Publishers, 2005.

OMRAN, A. R. The epidemiologic transition: a theory of the epidemiology of population change,



Milbank Memorial Fund Quarterly, vol. 49, n° 4, 1971, p. 509- 538.

PAIVA, P.T.A.; WAJNMAN, S. Das causas às consequências econômicas da transição demográfica no Brasil. *Revista Brasileira de Estudos Populacionais*, São Paulo, v.22, n.2, p. 303-322, jul/dez/ 2005.

RIOS-NETO, Eduardo L. G. Questões emergentes da análise demográfica: o caso brasileiro. *Revista Brasileira de Estudos Populacionais*, v. 22, n. 2, p. 371-408, 2005.

SAMUELSON P. An exact consumption-loan model of interest with and without the social contrivance of money. *Journal of Political Economy*, 66, 1958.

SULLIVAN T. A. Labor Force. In *Handbook on Population*, Michael Micklin and Dudley Poston, eds., Kluwer Academic/Plenum Publishers, 2005.

TAFNER, P. Desafios e reformas da previdência social brasileira. *Dossie Caminhos do Desenvolvimento*, 2012.

TAFNER, P. GIAMBIAGI, F. Previdência Social: uma agenda de reformas. In: Schwartzman, S. Bacha, E. *Brasil: a nova agenda social*, LTC, 2011.

TURRA, C.; QUEIROZ, Bernardo L.; RIOS-NETO, Eduardo. “Idiosyncrasies of Intergenerational Transfers in Brazil”. In: Ronald Lee & Andrew Mason (org.) *Population Aging and the Generational Economy: a global perspective*. Edward Elgar Publishing, 2011.

WEIL, D. N. The Economics of population aging. In: Rozenzweig, M., Stark, O. *Handbook of Population and Family Economics*. Vol 1B. North-Holland, chapter 17, pp.968-1114, 1997.

WONG, L.; CARVALHO, J. A. M. O rápido processo de envelhecimento do Brasil: sérios desafios para as políticas públicas. *Revista Brasileira de Estudos de População*, Abep, v.23, n.1, 2006.

WEIL D. N. The economics of population aging. In: ROZENZWEIG M.; STARK O. *Handbook of Population and Family Economics*. v. 1B. North-Holland, cap 17, 1997.

VALLIN, J; MESLÉ, M., “Convergences and divergences in mortality. A new approach to health transition”. *Demographic Research* 2.2 (2004): 11-44