



Capacity Building for a Better Future

Department of Extra Mural Studies & Distance Education
International Institute for Population Sciences, Mumbai
M.A. (Population Studies) Distance Learning Course
Course Curriculum

Course Code	Course Name	Blocks		Units		Credits
		No. of Blocks	Block Name	Unit Name	No. of Units	
MSP-1F	Sociology, Psychology and Anthropology*	2	Block-1: Sociology and Anthropology	Unit-1: Study of Human Society	3	NC
				Unit-2: Society, Institutions and Social Change		
			Block 2: Psychology	Unit 3 : Social Psychological Concepts and Issues in Population Sciences		
MSP-2F	Economics and Geography*	2	Block 1: Economics	Unit 1: Basic Concepts in Economics	10	NC
				Unit 2: Basic Concepts in Micro Economics		
				Unit 3: Basic Concepts in Macro Economics		
				Unit 4: Basic Concepts in Public Finance		
				Unit 5: Indian Economy		
			Block 2: Geography	Unit 6: Study of Man and Nature		
				Unit 7: Geographic Approaches		
				Unit 8: Concepts of Human Geography		
				Unit 9: Human Settlements		
				Unit 10: Geography of India		
MSP-3C	Basic Statistical Methods for Population Studies	4	Block 1: Some Basic Mathematical Tools	Unit 1 : Elementary Mathematical Tools in the Field of Population	11	4
				Unit 2 : Interpolation and Graduation		
			Block 2: Basic Measures of Statistics, Elements of Probability	Unit 3 : Basic Measures of Statistics		
				Unit 4 : Elements of Probability Theory		

			Theory and Probability Distributions	Unit 5 : Probability Distributions			
			Block 3: Statistical Methods Used in Population Data Analysis	Unit 6 : Correlation and Regression			
				Unit 7 : Multivariate Techniques - I			
				Unit 8 : Multivariate Techniques - II			
			Block 4: Sampling Designs and Statistical Inference	Unit 9 : Sampling Designs			
				Unit 10 : Statistical Inference			
				Unit 11 : Tests of Significance			
MSP-4C	Introduction to Demography and History of Population	3	Block 1: Introduction to Population Studies and History of Population	Unit 1: Introduction to Population Studies	6	4	
				Unit 2: History of Population			
			Block 2: Sources of Population Data	Unit 3: Sources of Population Data			
				Block 3: Age-Sex Structure			Unit 4: Basic Concepts and Importance of Age-Sex Structure
			Unit 5: Measures of Age and Sex Structure				
			Unit 6: Trends and Patterns of Sex Ratio				
MSP-5C	Fertility and Nuptiality	4	Block 1: Nuptiality: Concepts and Measures	Unit 1 : Concepts and Basic Measures of Nuptiality	12	4	
				Unit 2 : Estimation of Age at Marriage			
				Unit 3 : Age at Marriage in India			
			Block 2: Basic Concepts and Measures of Fertility and Reproduction	Unit 4 : Fertility Studies: Concepts and Sources of Data			
				Unit 5 : Measures of Fertility and Reproduction			
				Unit 6 : Indirect Methods of Estimation of Fertility			
			Block 3: Framework for and Synthesis of Fertility Analysis	Unit 7: Age Pattern of Fertility: Empirical Pattern and Mathematical Modelling			
				Unit 8: Framework for and Synthesis of Fertility Analysis			
				Unit 9: Hypothesis and Theory of Fertility			
			Block 4: Fertility Transition in Some Developed and Developing Countries	Unit 10: Reproductive Motivations			
				Unit 11 : Fertility Transition			
			MSP-6C	Evaluation, Adjustment of Demographic Data and Population Projection			2
Unit 2: Evaluation of Errors in Age-Sex Data							
Unit 3: Techniques of Errors Adjustment in Age Data							
Unit 4: Quality Checks Assurance in Large Sample Surveys							
Block 2: Population Estimates and Projections	Unit 5: Basic Concepts of Population Estimates and Projections						
	Unit 6: Methods of Obtaining Population Estimates						

				Unit 7: Component Method of Population Projection		
				Unit 8: Other Methods of Population Projections		
				Unit 9: Rural-Urban and Sub-National Population Projections		
				Unit 10: Socioeconomic Projections		
MSP-7C	Introduction to Demographic and Statistical Software	1	Block 1: Introduction to Demographic and Statistical Software	Unit 1: Introduction to Computer	7	4
				Unit 2: Introduction to Micro-Soft Office (MS-Office)		
				Unit 3: Introduction to Internet and Info-POPLINE		
				Unit 4: MORTPAK		
				Unit 5: SPECTRUM		
				Unit 6: Statistical Package for Social Sciences (SPSS)		
				Unit 7: STATA		
MSP-8C	Migration and Urbanization	3	Block 1: Spatial Distribution: Measures and Patterns	Unit 1 : Spatial Distribution of Population	12	4
				Unit 2 : Population Redistribution		
			Block 2: Migration: Concepts, Measures, Determinants and Consequences	Unit 3 : Internal Migration : Concepts, Determinants and Consequences		
				Unit 4 : Direct Methods of Estimating Migration		
				Unit 5 : Indirect Measures of Net Internal Migration		
				Unit 6 : Migration Models		
				Unit 7 : International Migration : Trends, Types, Determinants and Consequence		
			Block 3: Urbanization: Concepts, Measures, Patterns and Consequences	Unit 8 : Urbanization: Concepts and Definitions		
				Unit 9 : Measurements of Urbanization and Urban Structure		
				Unit 10 : Urbanization process in Developed and Developing Countries		
				Unit 11 : Recent Trends and Prospects of the Process of Urbanization		
				Unit 12 : Urban Problems and Planning		
MSP-9C	Historical Demography	1	Block 1: Historical Demography	Unit 1: Introduction to Historical Demography	6	3
				Unit 2: Sources of Historical Data		
				Unit 3: Methods of Historical Demographic Research		
				Unit 4: Biological Evolution and Historical Migration		
				Unit 5: Census Administration in British India		
				Unit 6: History of India's Population Growth		

MSP-10C	Gender and Reproductive Health	2	Block 1: Gender Issues in Population Studies	Unit 1: Gender Issues in Population Studies	8	4
				Unit 2: Autonomy, Empowerment and Status of Women		
				Unit 3: Gender Issues in Population: Evidence from India		
			Block 2: Reproductive Health	Unit 4: Introduction to Reproductive Health and Physiology of Human Reproduction		
		Unit 5: Maternal Mortality, Morbidity and Menopause				
		Unit 6: Infertility: Causes, Consequences and Measurements				
		Unit 7: Reproductive Health Issues and Sexually Transmitted Infections				
		MSP-11C	Population and Development	4		
Unit 2: Theories and Strategies of Development						
Unit 3: Linkages of Population and Development						
Block 2: Divergent Views of Population and Development	Unit 4: Pre-Modern views of Population and Development					
	Unit 5: Modern views of Population and Development					
Block 3: Population and Development: Natural, Capital and Human Resources	Unit 6: Natural Resources					
	Unit 7: Capital Resources					
	Unit 8: Human Resources : Quantitative Aspects					
Block 4: Social Development and Environment: Concepts and Implications	Unit 9: Human Resources – Qualitative Aspects					
	Unit 10: Environmental Degradation: Policy and Programme for Better Environment					
	Unit 11: Population and Climate Change					
	Unit 12: Sustainable Development and Resources, Effect of Population Growth and Industrialization					
MSP-12C	Research Methodology	2	Block 1: Basic Concepts and Sampling Techniques	Unit 1: Introduction to Research Methodology	9	4
				Unit 2: Measurement		
				Unit 3: Some Elementary Ideas about Sampling Techniques and their applications		
				Unit 4: Qualitative Research Methods		
		Block- 2: Research Methods	Unit 5: Research Design			
			Unit 6: Methods of Data Collection			
			Unit 7: Data Processing and Analysis			

				Unit 8: Writing a Research Proposal		
				Unit 9: Writing Research Report		
MSP-13C	Concepts and Measures of Global Health	2	Block 1: Concepts, Measures and Determinants of Global Health	Unit 1: Concepts and Introduction	6	3
				Unit 2: Global Burden of Disease-measuring Global Health		
				Unit 3: Determinants of Health		
				Unit 4: Environment and Health		
			Block 2: Health Care Delivery Systems and Policies	Unit 5: Health Care Delivery Systems		
				Unit 6: Policy and Health		
MSP-14C	Population Policies, Programme and Evaluation of HFW Programme	3	Block 1: Population Policies and Programmes	Unit 1: Population Policy : Concepts and Issues	13	4
				Unit 2: Fertility Influencing Policies		
				Unit 3: Mortality Influencing Policies		
				Unit 4: Migration Influencing Policies		
				Unit 5: Population Policies and Programmes in Some Selected Countries		
			Block 2: Population Programme Management	Unit 6: Management : A Brief Introduction		
				Unit 7: Features of Population Programme Management		
				Unit 8: Quality of Care in Family Planning Programme		
			Block 3: Evaluation of Family Planning Programme	Unit 9: Evaluation of Family Planning Programme: Concept, Definitions and Data Requirements		
				Unit 10: Evaluation of Family Planning Programme Execution		
				Unit 11: Economic Evaluation of Family Planning Programmes		
				Unit 12: Evaluation of Intermediate Impact Objective		
				Unit 13: Evaluation of Fertility Impact of Family Planning Programmes		
MSP-15C	Advanced Statistical Packages and Applications in Large-scale Data	1	Block 1: Advanced Statistical Packages and Applications in Large-Scale Data	Unit 1: Scope of Large Scale Surveys and Big Data	3	3
				Unit 2: Software and Quality Assurance Procedures		
				Unit 3: Use of STATA and R for Sampling and Estimates		
MPS-16C	Morbidity, Mortality and Public Health	3	Block 1: Basic Concepts and Measures of Morbidity	Unit 1: Basic Concepts and Analysis of Health and Morbidity Statistics	9	4
				Unit 2: International Classification of Diseases and Causes of Death		
				Unit 3: Epidemiology, Public Health and Burden of Disease		
			Block 2: Basic Concepts and Measures of Mortality	Unit 4: Importance of Mortality Studies: Concepts, Definitions and Differentials		

				Unit 5: Measures of Mortality		
				Unit 6: Health Transition: Mortality Concepts and Patterns		
			Block 3: Life Table and Indirect Methods of Mortality Estimation	Unit 7: Life Table Techniques		
				Unit 8: Model Life Table Systems, Multiple Decrement Life Tables		
				Unit 9: Indirect Methods of Mortality Estimation		
MSP-17C	Population Ageing and Health Transition	3	Block 1: Life Course Perspective and Socio-demographic Dynamics of Ageing	Unit 1: Demography of Ageing	6	4
				Unit 2: Life Course Perspective and Social Dynamics of Ageing		
			Block 2: Health Transition, Health Care System and Health Financing	Unit 3: Health Transition		
				Unit 4: Health Care System for Geriatric Care and Health Financing		
				Unit 5: Population Ageing and Economic Conditions		
			Block 3: Elder Care and Policies	Unit 6: Ageing Policies and Programmes		
MSP-18E	Urbanization, Space and Planning	1	Block 1: Urbanization, Space and Planning	Unit 1: Urbanization and Space	10	3
				Unit 2: Human Settlements		
				Unit 3: Urban Morphology and Theories of Urban Development		
				Unit 4: Theories of Regional Development and Planning		
				Unit 5: Urban Planning: Concepts and Elements		
				Unit 6: Regional Development: Concepts and Needs		
				Unit 7: Planning for Metropolitan City and Region: A Case of Mumbai		
				Unit 8: Urban Policies and Programmes		
				Unit 9: Challenges in Urban Planning		
				Unit 10: Application of GIS in Urban and Regional Planning		
MSP-18E	Biostatistics and Epidemiology	1	Block 1: Biostatistics and Epidemiology	Unit 1: Introduction and Basics of Biostatistics	5	3
				Unit 2: Measures of Disease Frequency and Epidemiology		
				Unit 3: Study Designs used in Medical Statistics		
				Unit 4: Clinical Trials		
				Unit 5: Survival Analysis		
MSP-TP	Dissertation/Term Paper			-		10
MSP-VV	Viva-Voce			-		4
Total		44		-	158	74

*Not counted for calculation of final grade

F-Foundation Course, C-Core Course, E-Elective course, NC-Non credited course, VV-Viva-Voce, TP-Term Paper