Population Studies Master's Program Plan

A Summary of Program Plan (English Translation)

Institution   Chulalongkorn University

Faculty   College of Population Studies

1. Information

1. Program   Master of Arts Program in Demography

2. Degree   Master of Arts / M.A.

3. Course Credit Requirement

    36 units

4. The Format of the Course

4.1 Format

The postgraduate study period is expected in 2 years

4.2 Language

The program is taught in English for international/ non-Thai students

4.3 Acceptance into the Program

Plan 1

1) The candidate successfully completes a Bachelor's degree in social science

2) The candidate has more than 2 years of work or research experiences relating to social work

3) The candidate has a layout research plan for developing a thesis

4) The candidate features match with the program requirements

Plan 2

1) The candidate successfully completes a Bachelor's degree in any field

2) The candidate features match with the program requirements

5. Venue

Chulalongkorn University at Visid Prachuabmoh building

2. The Program

1. Course Objectives

1.1 Objectives

The program is designed to reinforce our graduates' knowledge and skills of population studies so they can put into practice their experience in order to improve population-related situations.

1.2 Program Objective

1.2.1 Original Program Objective

1. To produce graduates who are knowledgeable about population topics and how to connect the changes in population with the economy and the community.

2. To produce graduates who are knowledgeable and have skills in researching, including having analytical skills to plan and improve population issues.

3. To produce graduates who are knowledgeable, have integrity, have a good code of conduct as a researcher.

1.2.2 Modified Program Objective

1. To produce graduates who are knowledgeable about population studies and how to improve demographic-related situations despite the ongoing changes such as globalization.

2. To produce graduates who are knowledgeable and have the skills required to analyze demographic data and plan for population benefits.

3. To produce graduates who have the skills and the ability to connect population issues to other related topics.

4. To produce graduates who are knowledgeable, have integrity, and have good characteristics of being a researcher according to Chulalongkorn University standards.

3. Program Structure and Management

1. Management

1.1 System

The education system is in units. The academic year is divided into two education sectors: the begining and the end sectors. One sector consists of more than 15 weeks of instruction.

1.2 Units

Chulalongkorn University credit system

2. Program Schedule

2.1 Instruction Dates

Beginning Term	June - September
Ending Term	November - February
Summer Term	April - May

3. Program and Instructors

3.1 Program

3.1.1 Units

Plan 1	36	units
Plan 2	36	units

3.1.2 Program Structure

	Plan 1	Plan 2
Total Program Units	36	36
Total Cours Units	-	24
- Required Courses	-	15
- Courses for the Major	-	6
- Electives	-	3
Thesis Units	36	12

Note:

1. Students applying for plan 1 must take courses: Population Studies 5100 601, 5100 650 Statistics for Social Science Research, 5100 653 Social Science Research Methodology and 5100 654[*] Demographic Analysis

2. All students must take the course 5100 705[*] Seminar in Demography and Public Policy

3.1.3 Courses

Course Requirements   Plan 2   15   units

5100 601	Population Studies	3(3-0-9)
5100 650	Statistics for Social Science Research	3(3-0-9)
5100 653	Social Science Research Methodology	3(3-0-9)

5100 654*	Demographic Analysis	3(3-0-9)
5100 656	Practicum in Population Research	3(1-4-7)
5100 705*	Seminar in Demography and Public Policy	-

Demographic Courses   Plan 2   **6   units**

1) Demography

5100 661*	Fertility and Reproductive Health	3(3-0-9)
5100 662*	Demographic Change and Health	3(3-0-9)
5100 663*	Migration under Globalization	3(3-0-9)
5100 670*	Special Topics in Demography	3(3-0-9)
5100 753*	Advanced Demographic Analysis	3(3-0-9)

2) Population Development

5100 681*	Health and Well-being in Life Course	3(3-0-9)
5100 682*	Family and Demographic Change	3(3-0-9)
5100 683*	Labor and Human Development	3(3-0-9)
5100 684*	Population Dynamics and Environment	3(3-0-9)
5100 690*	Special Topics in Population Development	3(3-0-9)
5100 701	Demography of Aging	3(3-0-9)

Electives   Plan 2   3   units

5100 605	Demographic and Social Concepts and Theories	3(3-0-9)
5100 645*	Business Demography	3(3-0-9)
5100 646*	Economic Analysis of Population Issues	3(3-0-9)
5100 647*	Population Distribution and Urbanization	3(3-0-9)
5100 648*	Public Policy for Population Development	3(3-0-9)
5100 750*	Advanced Statistics for Social Science Research	3(3-0-9)

| **Thesis** | **Plan 1** | **36** | **units** |
| | **Plan 2** | **12** | **units** |

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* New courses

Plan 1

5100 816	Thesis	36 units

Plan 2

5100 811	Thesis	12 units

3.1.4 Study Plan

Year1   Begining Sector

	Plan 1	**Units**
5100 601	Population Studies	-
5100 650	Statistics for Social Science Research	-
5100 653	Social Science Research Methodology	-
5100 654	Demographic Analysis	-
5100 816	Thesis	12
	Total	12
	Plan 2	**Units**
5100 601	Population Studies	3
5100 650	Statistics for Social Science Research	3
5100 653	Social Science Research Methodology	3
5100 654	Demographic Analysis	3
	Total	12

Year1   Ending Sector

	Plan 1	**Units**
5100 705	Seminar in Demography and Public Policy	-
5100 816	Thesis	12
	Total	12
	Plan 2	**Units**
5100656	Practicum in Population Research	3
	Demographic Courses	3
	Demographic Courses	3
	Electives	3
5100 705	Seminar in Demography and Public Policy	-
		9

Year2   Begining Sector

	Plan 1	**Units**
5100 816	Thesis	12
	Total	12

	Plan 2	**Units**
5100 811	Thesis	12
	Total	12

3.1.5 Course Descriptions

	Population Studies	
5100 601		3(3-0-9)

POP STUDIES

Interactions between population size, population composition, spatial distribution, mortality, fertility and migration; interactions between demographic phenomena and socio-economic and environmental factors.

	Demographic and Social Concepts and Theories	
5100 605		3(3-0-9)

DEM/SOC CONCEPTS

Important demographic concepts and theories of fertility, mortality migration and population transition; sociological concepts and theories of both macro and micro levels; linkages of sociological theories and demography.

	Business Demography	
5100 645*		3(3-0-9)

BUS DEM

Applications of content and research methodology in demography for business problem solving; population data for business decision making; population composition and business decision making; resulting from demographic change and business opportunities; opportunities related to education; opportunities for health market ; marketing keys to approach the elderly market.

Economic Analysis of Population Issues

5100 646*   3(3-0-9)

ECON ANAL POP ISS

Applications of basic economic concepts in the analysis of population issues including the analysis of economic impacts of demographic change.

Population Distribution and Urbanization

5100 647*   3(3-0-9)

POP DISTR URBAN

Concepts, theories and evolution of urban structures and functions; policies and measures in urban problem solving; urbanization and interactions between population distribution and urbanization, impacts of urbanization on quality of life.

Public Policy for Population Development

5100 648*   3(3-0-9)

PUB POL POP DEV

Policies, laws and regulations related to population dimensions including structure, compositions and problems with emphasis on policy process; policy formation, policy implementation, policy evaluation and policy reform.

Statistics for Social Science Research

5100 650   3(3-0-9)

STAT SOC SCI RSCH

Probability theory, variable measurement, frequency distribution, sampling, chi-squared distribution, t-distribution, F-distribution, hypothesis testing, analysis of variance, regression analysis, path analysis and multiple classification analysis.

Social Science Research Methodology

5100 653   3(3-0-9)

SOC SCI RSCH METH

Selection and formulation of research problems; stating purposes and hypotheses; research design; sampling; methods of data collection; data processing; data analysis and report writing.

Demographic Analysis

5100 654*   3(3-0-9)

DEM ANAL

Sources of population data; the measurement of population composition, spatial distribution, mortality, fertility, nuptiality, population change, and population estimation.

Practicum in Population Research

5100 656   PRACT POP RSCH   3(1-4-7)

Condition: Prer 5100 653

Research-skills training: Research-plan development; questionnaire design; data collection and processing; statistical analysis and interpretation; report writing.

Fertility and Reproductive Health

5100 661*   3(3-0-9)

FER/REPROD HLTH

Levels, patterns and trend of nuptiality and fertility; interactions between nuptiality, fertility and other factors; reproductive and health care behavior; their effects on the health of the population in reproductive ages; family planning, and maternal and child health.

Demographic Change and Health

5100 662*   3(3-0-9)

DEM CHANGE/HEALTH

Levels, patterns, causes and trends of morbidity and mortality; interactions between morbidity, mortality and other factors in internal and external demographic systems; concepts and theories related to morbidity and mortality.

Migration under Globalization

5100 663*   3(3-0-9)

MIGRA GLOBAL

Levels, patterns, causes and trends of population distribution and migration; interactions between population distribution, migration and other factors; relationship between migration and demographic change and globalization.

5100 670*   **Special Topics in Demography**
                                                             3(3-0-9)

SPEC TOP DEM

Important issues in demographic theories and current research methodology of interest.

5100 681*   **Health and Well-being in Life Course**
                                                             3(3-0-9)

HLTH WELL LIFE COURSE

Quality of life of population in life course, with emphasis on health issues and livelihood, well-being promotion policy in all life stages.

5100 682*   **Family and Demographic Change**
                                                             3(3-0-9)

FAM DEM CHG

Gender status and roles in contemporary societies, analyzed by theories and concepts at both macro and micro levels, with emphasis on interactions between gender and roles in the family and society under demographic change and globalization, including gender role promotion and family empowerment policy.

5100 683*   **Labor and Human Development**

                                                      3(3-0-9)

LBR HUM DEV

Roles of the population at younger age groups as important human resources; concepts and methods of human resource development, particularly under the transition towards aged society; analysis of situations and impacts of human resources development in all sectors in society.

                                  Population Dynamics and Environment

5100 684*   3(3-0-9)

                                  POP DYN ENVI

Direct and indirect interrelations of population, natural resources and environment; policies for solving problems with environmental impacts at both macro and micro levels; mechanisms for sustainable development of quality of life, natural resources and environment.

                                  Special Topics in Population Development

5100 690*   3(3-0-9)

                                  SPEC TOP POP DEV

Current important issues in population development, with emphasis on population quality improvement, including health, public health and education issues.

                                  Demography of Aging

5100 701   3(3-0-9)

                                  DEMOGRAPHY AGING

Macro and micro levels of the aging process; related theories and concepts; status of the elderly in developed and developing countries; policies and strategies for improving the elderly's quality of life.

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* New courses

5100 705*   **Seminar in Demography and Public Policy**

SEM DEM PUB POL

Interrelations between population change and socio-economic development at both macro and micro levels, with emphasis on multidisciplinary synthesis; use of academic data and information in improvement public policy formation related to population quality and policy evaluation.

Advanced Statistics for Social Science Research

3(3-0-9)

5100 750*   ADV STAT SOC SCI RES

Condition: Prer 5100 650 or approval by the college

Statistical methods used in research requiring advanced analysis techniques: factor analysis; categorical analysis; discriminant analysis; log-linear model; logit regression.

Advanced Demographic Analysis

5100 753*   ADV DEM ANAL   3(3-0-9)

Condition: Prer 5100 650 or approval by the college

In-depth analysis of mathematical demography with emphasis on advanced techniques and application of life table analysis and population projection.

5100 811	**Thesis**	**12 Credits**
5100816	**Thesis**	**36 Credits**