

## *Professional Diploma in: “Population and Sustainable Development”*

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### *Program Aims*

The primary goal of this diploma program is to develop students’ skills in applying multi-disciplinary analytic approaches to population and its relationship to sustainable development. It adopts a multi-perspective approach that provides an overview of the interrelationship between population and sustainable development through addressing these issues from theoretical, substantive and policy angles. It aims to provide students with a strong theoretical background on population dynamics and key issues and introduce students to practical experiences pertaining to the interplay of population dynamics and the various dimensions of sustainable development.

By the end of the program, participants will be able to

- demonstrate advanced knowledge and understanding of major population theories and measurements;
- demonstrate advanced knowledge and understanding of scientific, evidence-based approaches to the study of population dynamics;
- demonstrate advanced knowledge and understanding of demographic behavior in social, economic and policy contexts;
- demonstrate knowledge of the new international efforts in the area of population and sustainable development
- identify causes and consequences of population change and relate these to underlying relationship between population dynamics and various dimensions of sustainable development;
- formulate research questions and use demographic data, and appropriate methods of analysis, to address them;

### *Audience*

The program targets are individuals with different backgrounds who aim to understand ways in which population dynamic can influence and be

Influenced by different dimensions of sustainable development and intend to pursue high level careers in public, private and voluntary agencies dealing with population and development issues at both the national and international levels.

### ***Selection Criteria***

Admission to this program is open to all those with

1. A university degree of a recognized University related to the area of population and sustainable development.
2. Proven proficiency in English.

### ***Learning and Teaching Methods***

The program is taught through different teaching methods including: lectures, small group seminars, practical applications, and group work with peers. All elements of the program have specific learning objectives, with content designed to help students achieve these outcomes. Students are expected to learn through both directed and self-directed study.

Assessment is carried out through the different courses assessments. These assessments include formal exams, final project report as well as other assessment modules (**written coursework, short written exams, practical exams, group work, presentations, essays and other methods**). These tasks are designed to assess the extent to which the objectives of the program have been met.

### *Learning outcomes*

By the end of the program, students will be expected to achieve the following learning outcomes:

<i><b>Learning outcome</b></i>	<i><b>Program element</b></i>	<i><b>Assessment methods</b></i>
demonstrate advanced knowledge and understanding of major population theories and measurements;	<ul style="list-style-type: none"><li>• Population theories (1)</li><li>• Gender and population (1)</li><li>• Economics and population (1)</li><li>• Elective courses (2)</li></ul>	<ul style="list-style-type: none"><li>• Formal exam</li><li>• Presentations</li><li>• Group work</li></ul>
demonstrate advanced knowledge and understanding of population dynamic measurements;	<ul style="list-style-type: none"><li>• Demographic analysis-I (1)</li><li>• Demographic analysis-2 (2)</li></ul>	<ul style="list-style-type: none"><li>• Pieces of analysis</li><li>• Group work</li><li>• Short answer tests</li></ul>
demonstrate advanced knowledge and understanding of demographic behavior in social, economic and policy contexts	<ul style="list-style-type: none"><li>• Gender and population (1)</li><li>• Economics and population (1)</li><li>• Elective courses (2)</li></ul>	<ul style="list-style-type: none"><li>• Formal exams</li><li>• Presentations</li><li>• Essays</li></ul>
identify causes and consequences of population change and relate these to underlying relationship between population dynamics and various dimensions of sustainable development;	<ul style="list-style-type: none"><li>• Gender and population (1)</li><li>• Economics and population (1)</li><li>• Elective courses (2)</li></ul>	<ul style="list-style-type: none"><li>• Formal exams</li><li>• Presentations</li><li>• Essays</li><li>• Pieces of analysis</li></ul>
formulate research questions and use demographic data, and appropriate statistical methods of analysis, to address them;	<ul style="list-style-type: none"><li>• Research methodology (2)</li><li>• Statistical analysis-I (1)</li><li>• Statistical analysis-2 (2)</li><li>• Elective courses (2)</li></ul>	<ul style="list-style-type: none"><li>• Formal exam</li><li>• Pieces of analysis</li><li>• Research paper</li></ul>

## Program Structure

The program covers a period of one year starting in September for three semesters (45 credit hours).

Semester	Course	Credit hours
Introductory Session	Principles of Statistics	2
	Introduction to Statistical Packages (SPSS)	2
	Microsoft Software (Word, Excel, PowerPoint)	2
	Introduction to population and development readings	2
First Semester	Demographic Theories	3
	Demographic Analysis I	3
	Statistical Analysis I	3
	Population & gender	3
	Population Economic	3
	<b>Total credit hours</b>	<b>15</b>
Second Semester	Demographic Analysis II	3
	Statistical Analysis II	3
	Family, Community, and Population	3
	2 course of elective courses	3 × 2
	<b>Total credit hours</b>	<b>15</b>
	Research methodology with an application of a graduation research project	<b>12</b>
Third semester	Research methodology	6
	Graduate research project	6
	<b>Total credit hours</b>	<b>15</b>
<b>Total credit hours</b>		<b>45</b>

Application For

Professional Diploma in

# "Population and Sustainable Development"



## 1-Personal information

Name: -----  
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Date of Birth:-----  
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Sex: ☐ Male ☐ Female

Employment-----  
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Home address-----  
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Work address-----  
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## 2-Educational Qualification

Educational qualification	specialty	College/University	Date	Graduation grade

## 3-Work experience

Organization	Duration		Position	Work experience
	from	to		

## 4-English Proficiency

	Speaking	Reading	Writing
Level of proficiency			

## 5-Statistical Packages

	Level of proficiency		
	Excellent	Average	Weak
SPSS			
STATA			
Others			

**6-Write a paragraph explaining why you think that this diploma will benefit you in your area of work**

