

Faculty of
Life Sciences

Nutrition and Dietetics

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espol[®]

Bachelor of Nutrition and Dietetics



Applicant Profile

In the Bachelor's degree program in Nutrition and Dietetics, we seek observant, critical, reflective, analytical, tenacious, cooperative, honest students who are committed to public health and possess basic knowledge of life sciences and mathematics. Additionally, they should have manual skills and be willing to work both independently and as part of collaborative groups to serve and help the population.



Professional Skills

After five years of study, you will be capable of:

- ▶ Improving the quality of life through nutritional education, healthcare, dietary planning, research, and innovation of nutraceuticals that alleviate, correct, or prevent problems related to nutritional status in our environment.
- ▶ Providing comprehensive care to the healthy population and particularly to vulnerable groups such as pregnant women, children under five years old, and the elderly by promoting healthy eating habits and lifestyles.
- ▶ Determine the dietary-nutritional treatment of patients with chronic diseases such as obesity, diabetes, hypertension, dyslipidemia, and renal insufficiency among others.



Employability

Within the professional field, a graduate in Nutrition and Dietetics has the skills and abilities to work in various areas such as:

- ▶ Public and private health service centers (hospitals, clinics, restaurants, among others).
- ▶ Organizations for planning and developing public policies in nutrition.
- ▶ Organizations dedicated to formulating nutritional intervention projects and public health research.
- ▶ Food industries and the creation of small and medium-sized healthy food enterprises (Caterings).
- ▶ Gyms, sports centers, and high-performance centers.
- ▶ Comprehensive gerontological care services.
Private practice.
- ▶ Determining the dietary-nutritional treatment of patients with chronic diseases such as obesity, diabetes, hypertension, dyslipidemia, renal failure, among others.
- ▶ Institutions dedicated to research, coordination, and support of food interventions.

Curriculum

LEVEL 100 - I

GENERAL CHEMISTRY

PROBLEM SOLVING

MATHEMATICS

NUTRITIONAL
ANTHROPOLOGY

CULINARY TECHNIQUES

ENGLISH I

LEVEL 100 - II

GENERAL BIOLOGY

ORGANIC CHEMISTRY

PROGRAMMING
FUNDAMENTALS

HUMAN
MORPHOPHYSIOLOGY I

LEGISLATION
AND FOOD
SOVEREIGNTY

COMMUNICATION

ENGLISH II

LEVEL 200 - I

BIOCHEMISTRY

NUTRITIONAL
FOOD ANALYSIS

STATISTICS

CELLULAR AND
MOLECULAR BIOLOGY

HUMAN
MORPHOPHYSIOLOGY II

COMPLEMENTARY
TRAINING

ENGLISH III

LEVEL 200 - II

HUMAN NUTRITION
AND METABOLISM

DIETETIC TECHNIQUES

BIOSTATISTICS

GENERAL
MICROBIOLOGY

LIFE SCIENCES
RESEARCH

BIOETHICS

ENGLISH IV

LEVEL 300 - I

PHARMACOLOGY
AND NUTRITION

NUTRITION THROUGH
THE LIFE CYCLE I

NUTRITIONAL
ASSESSMENT I

EPIDEMIOLOGY
AND PUBLIC HEALTH

ENTREPRENEURSHIP
AND INNOVATION

COMPLEMENTARY
(HUMANISTICS)

ENGLISH V

LEVEL 300 - II

CLINICAL NUTRITION I

NUTRITION THROUGH
THE LIFE CYCLE II

NUTRITIONAL
ASSESSMENT II

BASIC DIET THERAPY

COMMUNITY HEALTH

SUSTAINABILITY
SCIENCE

LEVEL 400 - I

CLINICAL NUTRITION II

FOOD AND
NUTRITIONAL
TOXICOLOGY

SPORTS NUTRITION

ADVANCED DIET
THERAPY

FOOD SERVICES

NUTRITIONAL
COUNSELING

TRENDS IN NUTRITION

LEVEL 400 - II

CLINICAL NUTRITION III

ROTATING INTERNSHIP

NUTRITION AND
DIETETICS CAPSTONE
COURSE



Fun facts...

Under the Nutrition and Dietetics degree program, National agreements have been forged with the Ministry of Public Health, allowing students to develop real-life practices under the supervision of their instructors.



International Relations

ESPOL, through its Office of External Relations, promotes and develops links with cooperation organizations and academic and research institutions internationally. These links generate mobility opportunities for the entire polytechnic community and contribute to the excellence that characterizes us.

More than 165 agreements allow our students to undertake stays abroad, whether they are semester or annual exchanges, pre-professional internships, research internships, and participation in conferences, competitions, and other academic activities.

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Universities
around the world





Did you know?

As part of our degree program, you can undertake pre-professional internships in the form of Rotating Internships, which will be conducted in establishments of the Ministry of Public Health of Ecuador and will last for 52 weeks.

www.fcv.espol.edu.ec

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