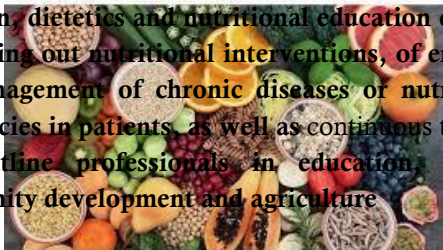


PROFESSIONAL MASTER

OBJECTIVES : Ensure the training of managers with scientific skills in community nutrition, clinical nutrition, dietetics and nutritional education capable of carrying out nutritional interventions, of ensuring the management of chronic diseases or nutritional deficiencies in patients, as well as continuous training of frontline professionals in education, health, community development and agriculture



DURATION : 02 years (M1, M2).

JOB PROSPECTS:

- Clinical nutrition in sports and emergency situations
- Community nutrition / Dietitian
- Project Management of Nutritional interventions
- Dietitian Consultant / Nutritional coordinator
- Medical Food Manager
- Nutrition educator
- Management of school and university nutrition

SPECIALTIES OFFERED

- ✓ Community Nutrition
- ✓ Clinical Nutrition and Dietetics

CONDITIONS OF ADMISSION ON EXAMINATION OF FILE:

Eligible in the 1st year of professional Master of Public Health Nutrition, Dietetics and Nutritional Education are candidates who first hold a Bachelor's degree in nutrition, biochemistry, animal biology, plant biology, chemistry, biomedical sciences, health sciences, nursing. Secondly, an engineering degree in agronomy or agro-food. Thirdly, a doctorate in medicine or pharmacy but also any other certificate deemed equivalent.

Number of places limited to 30 candidates per year

PHD PROGRAM

OBJECTIVES : The objectives here are to provide the skills, qualities and aptitude for research in the fields of molecular biology, chemistry, phytotherapy, nutrition, cosmetics and pharmacology.

DURATION : 03 years minimum (D1, D2, D3 ...).

JOB PROSPECTS :

- Teaching & research in the public and private sector ;
- Forensic science and criminal investigations;
- Pharmaceutical Industries;
- Cosmetic Industries;
- Agro-Food Industries;
- Phytotherapy centres;
- Public and private research centres ...



SPECIALTIES OFFERED

- ✓ Pharmacology ;
- ✓ Cosmetics ;
- ✓ Nutrition and Food Security ;
- ✓ Clinical Biochemistry.

ELIGIBILITY CONDITIONS IN YEAR 1:

The PhD in Biochemistry is open to candidates with a good basic knowledge in Biochemistry, more particularly those holding a Master of Science in Biochemistry and having acquired additional knowledge in Nutrition, Pharmacology, clinical biochemistry and cosmetics.. It is also aimed at pharmacists and doctors wishing to deepen their knowledge.

OUR PARTNERS

Contact : 699 679 135

UNIVERSITE DE DSCHANG
UNIVERSITY OF DSCHANG

FACULTE DES SCIENCES
FACULTY OF SCIENCES



DEPARTMENT OF BIOCHEMISTRY

« Excellence at the service of the
development of the Nation »



Welcome to the Department of
Biochemistry and good luck in your studies
and your future professional career.

PREAMBLE

The Faculty of Sciences was created following Decree No. 93/029 of January 19, 1993 on the Administrative and Academic Organization of the University of Dschang.

With its many departments, that of Biochemistry has resolutely entered the "LMD" system with the ambition of training the great Cameroonian leaders of tomorrow who graduate in three years (Bachelor), five years (Master) and eight years (Doctorate/PhD) to be thus competitive in Cameroon and abroad.

The particularity of our lessons lies both in their structure, in their density and in the quality in line with the development requirements prescribed by the SND30 document. Since its creation, the Department of Biochemistry has set itself the objective of professionalization, which materializes on the one hand by the compulsory socio-professional internship for students and on the other hand the creation of a professional Master's degree in Public Health Nutrition, Dietetics and Nutritional Education; this in collaboration with the socio-professional circles which intervene at 80% in the definition and the implementation of the lessons taught... The compulsory and optional courses taught there prepare students to be open to the fields of microbiology, food technology, clinical biochemistry, pharmacology and cosmetics. As such, the student is offered three courses to choose from: Clinical and Molecular Biochemistry, Nutrition and Food Security, and Pharmacology and Cosmetics. The familiarity between all the components as well as the culture of excellence make the department of biochemistry the ideal setting to choose for success in your studies.

WELCOME

BACHELOR'S PROGRAM

OBJECTIVES : The objective of the Bachelor's degree in Biochemistry is to offer students a broad disciplinary education to acquire scientific and technical skills of a conceptual and methodological type in the main fields of biochemistry and the chemistry of living beings. At the same time they must be introduced to the techniques of molecular biology, analytical biochemistry and organic synthesis. Optional courses prepare students to be open in the fields of microbiology, food technology, clinical biochemistry, pharmacology and cosmetics.

DURATION : 03 years (Level : L1, L2, L3 with common courses in L1 et L2). NB : The specialization being done in L3.

JOB PROSPECTS :

- Food industry ;
 - Cosmetics ;
 - Pharmaceuticals ;
 - Biotechnology ;
 - Laboratories of medical analysis ;
 - National or international organizations;
 - Researcher : University, Research Centres and industries;
 - Teaching ...
- SPECIALTIES OFFERED**
- ✓ Nutrition and Food Security ;
 - ✓ Pharmacology and Cosmetics ;
 - ✓ Clinical and Molecular Biochemistry.



ELIGIBILITY CONDITIONS

Students are admitted to the Biochemistry Bachelor's program either at levels 1, 2 or 3.

- Entry into 1st year (L1) : Baccalaureate in Science (C and D), GCE Advanced Level in two science subjects including Biology and excluding Religion ;
- Entry into 2nd year (L2) : Students with at least 45 credits (ECTS) in L1 ;
- Entry into 3rd year (L3) : Students who have validated the 120 credits (ECTS) of levels 1 et 2.

MASTER'S PROGRAM

RESEARCH MASTER

OBJECTIVES : The objectives of this training are the acquisition by the student of a high-level multidisciplinary training integrating molecular biology, chemistry, phytotherapy, nutrition, cosmetics and pharmacology.

DURATION : 02 years (M1, M2) : Specialization from M1.

JOB OPPORTUNITIES :

- Forensic science and criminal investigations
- Forensic science and criminal investigations in food industry and quality control of food;
- Pharmaceutical Industries;
- Cosmetic industries ;
- Agro and food industries;
- Phytotherapy centres ;
- Public and private research centres ;
- Self-employment...



SPECIALTIES OFFERED

- ✓ Pharmacology ;
- ✓ Cosmetics ;
- ✓ Nutrition and Food Security ;
- ✓ Clinical Biochemistry.

ADMISSION REQUIREMENTS INTO M1:

The Master of Biochemistry is intended for people with a good fundamental knowledge in Biochemistry, more particularly those holding a Bachelor's degree in Biochemistry and who have also acquired additional knowledge in Nutrition, Pharmacology, clinical biochemistry and cosmetics. It is also intended for pharmacists and doctors wishing to deepen their knowledge in these fields.