

UNIVERSITY OF CAPE TOWN



<http://www.medicine.uct.ac.za/hair-and-skin-research-laboratory-hsr-lab>

ADVANCED DIPLOMA IN COSMETIC FORMULATION SCIENCE

DEPARTMENT OF MEDICINE
DIVISION OF DERMATOLOGY

General information

The Advanced Diploma in Cosmetic Formulation Science is the first qualification of its kind in South Africa and the first globally to be located within a Department or Division of Dermatology. This is a deliberate choice that aims to reduce the divide between scientists who develop formulations and dermatologists who treat the many adverse effects of cosmetic products. The content of the programme carefully balances solid cosmetic science knowledge with hands-on cosmetic industry experience (80% of the learning time). Since the programme is offered within the context of Dermatology as a discipline, students are sensitised to the deleterious health effects that cosmetic products can have on consumers.

Introduction

- One year full-time programme
- Blended programme with two three-week blocks spent on campus (at the Hair and Skin Research Laboratory at UCT), in January and July
- Two four-month blocks at hosting companies for practical hands-on experience

- Collaboration with the Services Sector Education and Training Authority (SSETA) for industry placements.

Aim

To produce graduates that are ready and equipped for product formulation in personal care manufacturing companies, as product developers, cosmetic formulators, R&D (research and development) chemists or as entrepreneurs.

Courses offered within the Diploma

- (1) Cosmetic Formulation Technology
- (2) Scientific Principles of Cosmetic Formulations
- (3) Hair and Skin Biology for the Cosmetic Formulator
- (4) Cosmetic Claims, Regulations and Ethics
- (5) Professional Communication and Project Management for Cosmetic Scientists

Admission requirements

To be considered for the programme, students must have obtained at least a Bachelor of Science or equivalent science qualification (e.g. a three-year National Diploma) with Chemistry/Biochemistry at 2nd year level and Mathematics/Statistics/Physics at 1st year level. Additional preferred subjects include Human Biology, Cell Biology, Molecular Biology, Microbiology and Biotechnology.

Application process

For the 2018 intake:

All applicants must apply online. (See <http://www.students.uct.ac.za/students/applications/> and click on Apply.)

Closing date for applications: 30 September 2017.

Any queries regarding the application process should be addressed to email: fhs-ug-admiss@uct.ac.za or telephone 021 406-6328 or 021 406-6347.

Applicants must upload certified copies of their final Grade 12 results, complete academic record and degree certificate on the online application system when they apply online; **and** certified copies of these documents must be posted (by registered mail) to UCT's Admissions Office, Private Bag X3, Rondebosch, 7701.

January block

8 January 2018 – 26 January 2018

Venue

Hair & Skin Research Lab, Room K47 51, Old Main Building, Groote Schuur Hospital, Observatory, Cape Town, 7925

Cost: R37,840 (2017 fee)

Further information

- Ms Ntombenhle Sishi
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- Dr Jennifer van Wyk
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ADVANCED DIPLOMA IN COSMETIC FORMULATION SCIENCE MODULE DESCRIPTORS

<p>Scientific Principles of Cosmetic Formulations The aim of this course is to provide the student with a fundamental knowledge and understanding of the physical chemistry at the surface of phase interfaces in a multi-phase system such as is found in most cosmetic formulations as well as a working knowledge of raw materials, their structure, reactivity, interaction, safety and function within a cosmetic formulation.</p>	<ul style="list-style-type: none"> MDN3005W Scientific Principles of Cosmetic Formulations
<p>Cosmetic Formulation Technology The aim of this course is to enhance the understanding of the physical chemistry concepts learned in Course 1 (Scientific Principles of Cosmetic Formulation) by carrying out practical work demonstrating these concepts.</p>	<ul style="list-style-type: none"> MDN3006W Cosmetic Formulation Technology
<p>Hair and Skin Biology for the Cosmetic Formulator The aim of this course is to enhance the understanding of the physical chemistry concepts learned in Course 1 (Scientific Principles of Cosmetic Formulation) by carrying out practical work demonstrating these concepts.</p>	<ul style="list-style-type: none"> MDN3007W Hair and Skin Biology for the Cosmetic Formulator
<p>Cosmetics: Claims, Regulation and Ethics This course will provide insight on the ethics of manufacturing, product testing and advertising.</p>	<ul style="list-style-type: none"> MDN3008W Claims, Regulations and Ethics
<p>Professional Communication and Project Management for Cosmetic Scientists The aim of the course is to teach students appropriate information retrieval and processing skills as well as to equip them with the ability to present data and communicate in an appropriate academic and professional manner by using a range of genres appropriate to the context of cosmetic formulation science team.</p>	<ul style="list-style-type: none"> MDN3009W Professional Communication and Project Management for Cosmetic Scientists

ASSESSMENT CRITERIA

MDN3005W Scientific Principles of Cosmetic Formulations	Students will be assessed using two class tests, two assignments (which include group work) and an exam
MDN3006W Cosmetic Formulation Technology	Students will produce practical reports, an assignment and a practical exam
MDN3007 Skin and Hair Biology for the Cosmetic Formulator	Students will do practical reports, an oral presentation, a class test and an exam
MDN3008W Cosmetic Claims, Regulation and Ethics	Students will be assessed using written assignments (which include group work), an oral presentation and exam
MDN3009W Project Management and Communication for Cosmetic Scientists	Students will be assessed using written assignments (which include group work) and an oral presentation