



Cosmetics and Science (TECS3602)

Introduction	Cosmetics, such as eye shadow, lipstick, mascara, foundation, and highlighter, are products designed for applying to human face and body, to enhance or change the appearance of face, smell or texture of body. In fact, many of these products are mixtures of artificial chemical compounds derived from natural sources. There is a lot of science laid behind the products manufacturing. Besides, a series of safety concerns and environmental impacts caused by these products are still not clear. In this course, theoretical learning and hands-on experience will be provided for students to have a clearer picture on cosmetic products.		
Programme Type / Level	Biotechnology II Course (Level 5) (Token-required)		
Instructor(s)	Dr YUE Ying Kit Patrick (Department of Biology, Hong Kong Baptist University)		
Pre-requisites	<ul style="list-style-type: none">● Students with primary interest on biology, chemistry and biomedical science;● Biology and chemistry knowledge of S4 or above level is recommended		
Target Participants	<ul style="list-style-type: none">➢ S3 – S6 HKAGE student members➢ Class size: 30		
Medium of Instruction	English with English handouts		
Certificate	E-Certificate will be awarded to participants who have: <ul style="list-style-type: none">❖ Attended at least 5 sessions; AND❖ Completed all the assignments with satisfactory performance.		
Intended Learning Outcomes	Upon completion of the programme, participants should be able to: <ol style="list-style-type: none">1. describe chemistry and biology concepts in cosmetics;2. synthesise simple perfume;3. carry out chemical experiments on different cosmetic products, and identify major characteristics/constituents;4. discuss pros and cons of adopting cosmetics, and apply such reviews in daily life.		
Screening	<p>(After 2 Nov 2020)</p> <p>First-come, first served.</p> <p>Please answer the screening questions in the online application form.</p> <p>*The screening questions are designed to help the applicant understands the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the questions. Only students who can demonstrate motivation and the basic knowledge of biotechnology in the screening questions can be enrolled in the programme.</p>		
Application Deadline	1st batch: 20 Jul 2020, 12:00 n.n. 2nd batch: 2 Nov 2020, 12:00 n.n. 12 Nov 2020, 12:00 n.n. (First come, first served)	Application Result Release Date	1st batch: 28 Jul 2020 2nd batch: 6 Nov 2020 N/A
Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.			

Schedule

Session	Date	Time	Venue
1	17 Aug	10:00 a.m. — 1:00 p.m. 9:00 a.m. — 12:00 n.n.	HKAGE / HKBU Physics Laboratory, Buddhist Kok Kwong Secondary School
2	21 Nov	2:00 p.m. — 5:00 p.m. 1:00 p.m. — 4:00 p.m.	
3	18 Aug	10:00 a.m. — 1:00 p.m. 9:00 a.m. — 12:00 n.n.	
4	28 Nov	2:00 p.m. — 5:00 p.m. 1:00 p.m. — 4:00 p.m.	
5	19 Aug	10:00 a.m. — 1:00 p.m. 9:00 a.m. — 12:00 n.n.	
6	5 Dec	2:00 p.m. — 5:00 p.m. 1:00 p.m. — 4:00 p.m.	

Enquiries

For enquiries, please contact Academic Programme Development Division on 3940 0101 after language selection, press "1".

SCIENCES

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