

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

**ACADEMIC SENATE**

**ACADEMIC PROGRAMS COMMITTEE**

**REPORT TO**

**THE ACADEMIC SENATE**

**AP-016-212**

**New option in Science and Technology in BS in Food Science and Technology**

**Academic Programs Committee**

**Date: 02/09/2022**

**Executive Committee  
Received and Forwarded**

**Date: 03/23/2022**

**Academic Senate**

**Date: 04/13/2022  
First Reading  
05/04/2022  
Second Reading**

**BACKGROUND:**

The Nutrition & Food Science department proposed to elevate the Science and Technology Emphasis to Science and Technology Option (B.S. in Food Science and Technology) to provide a more structured academic track that meets many students' career needs. By elevating the Science and Technology Emphasis to Science and Technology Option, students will graduate from the original curricula that obtained accreditations from IFT or RCA. By doing so, students will have a better chance to pick an option that will align with their career goals and they are expected to be more motivated to learn, to participate and to be successful in their major. Additionally, having a more rigid accredited Science and Technology Option will assist recruitment efforts, and also program assessment and accreditation efforts. Data can be collected more easily if students are enrolled in a defined option.

In addition to the major required courses, the proposed new Science and Technology Option contains 12 required units (CHM 3210 Elements of Biochemistry, CHM 3270L Biochemistry Laboratory, FST 3190/A Food Packing/Activity, FST 4271 Unit operations in Food Processing II, FST 4290/L Food Product Development/Laboratory) and an additional 1 elective unit. All of these classes already exist.

**RESOURCES CONSULTED:**

Associate Deans

Department Chairs

Dr. Harmit Singh, Chair of Nutrition & Food Science

**DISCUSSION and RECOMMENDATION:**

All department chairs and associate deans were consulted. Further, Dr. Harmit Singh, chair of the department of Nutrition & Food Science, was consulted. The AP committee confirmed with Dr. Singh that the proposed new Option will require no new faculty resources, as the courses that make up the options are almost entirely already existing courses. The AP committee received no additional comments from the department chairs or associate deans.

The Academic Programs Committee recommends approval of the new Option in Science and Technology.