

**99-12**

June 21, 1999

**Bachelor of Science in Engineering  
Option in Theme Park Engineering (code 3-4304) 132 units**

This new option was recommended by the Academic Senate on April 22, 1999 and approved by the President on May 4, 1999.

The BS in Engineering, Option in Theme Park Engineering is designed to prepare students to work as engineers in theme parks or amusement facilities, and the industries that support them. The program of study includes courses primarily from Electrical Engineering, with additional training from the Civil and Mechanical Engineering Departments, and covers topics in electrical power, and electrical, mechanical, hydraulic, and pneumatic control.

As this option is not ABET accredited, students are urged to also obtain an ABET accredited second major in Electrical Engineering.

**Requirements**

CHEM 111A, MATH 122, 123, 224, 370A, PHYS 151, 152, CECS 174, ENGR 202, E 201, 211, 211L, 310, 330 or 331. Each of the foregoing courses must be passed with a grade of "C" or better. Other required courses are C E 335, 370, E E 346, 347, 350, 350L, 370, 370L, 450, 452, 453, 490, M E 172, 330, 405B or 405E or 438, E T 365, 365L, plus an approved technical elective to a total of 132 units.

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**EFFECTIVE: Fall 1999**

Code: 4304

College: 52

Career: UG

IPEDS (Major) ERSS: 09011

IPEDS (Degree) ERSD: 09011