



University of Rhode Island

Department of Electrical, Computer, and Biomedical Engineering
Kelley Annex, 4 East Alumni Ave, Kingston RI 02881

To: George Veyera, Assoc. Dean, COE
From: Godi Fischer, Professor and Chair, ECBE
Date: March 15, 2013
Re: Changes to the ELE curriculum

A handwritten signature in black ink, appearing to read "G. Fischer".

At a recent ECBE faculty meeting, we approved the following change to the ELE curriculum starting for the class of 2017:

Dropping the requirement of PHY 306 Elementary Modern Physics

In response, we are asking for modifications to our catalog entry for this degree program.

The details are displayed on the following page. Specifically:

- Individual courses are listed by number only with credits appearing in parentheses
- Deletions are marked by a strike out (~~strike out~~)
- Additions are underlined
- Beyond deleting PHY 306 and updating the total credit count, we would like to simplify the description of elective choices by referring students to the departmental student handbook.

Bachelor of Science (B.S.) degree in electrical engineering:

The major requires ~~123–126~~ 120–123 credits.

CHM 101 (3) and 102 (1)

CSC 200 (4).

ECN 201 (3)

EGR 105 (1) and EGR 106 (2)

ELE 101 (1), 201 (3), 202 (1), 205 (2), 206 (1), 212 (3), 215 (2), 313 (3), 331 (4), 338 (3), 339 (1), 301 (3), 302 (1), 314 (3), 322 (4), 343 (3), 344 (1), 400 (1), 480 (3), and 481 (3), and three electrical engineering design electives (10–12 credits – see the ECBE Student Handbook). These design electives are chosen as any three of the following: ~~ELE 401/402, 423, 427/428, 432, 435/436, 444/445, 447/448, 457, and 458/459.~~ At least one course must include its lab component. Furthermore, one must be from ~~ELE 401/402, 423, 432, 444/445, or 447/448.~~

MTH 141 (4), 142 (4), 362 (3), 243 (3), 451 (3) (or ISE 411 (3))

PHY 203 (3), 273 (1), 204 (3), 274 (1), 205 (3), 275 (1), ~~306 (3)~~

15 additional general education credits – see the ECBE Student Handbook (including at least six credits of EC/ECw with at least one course in writing, ECw)

free elective (3)

professional elective (3–4 credits – see the ECBE Student Handbook) – this is chosen from BME 462; BME/ELE 461; ELE 305, 405/406, 408/409, 437, 438, 470 or an additional electrical engineering design elective; MTH 215; or, by prior approval of the ECBE department chairperson, any junior or senior level engineering course not required by the ELE major.