

1. General

- a. CTIS curriculum is updated and approved by Bilkent Senate on Feb.21.2018. The new curriculum **will be effective on September 2018** (i.e. starting with 2018-2019 Fall semester).

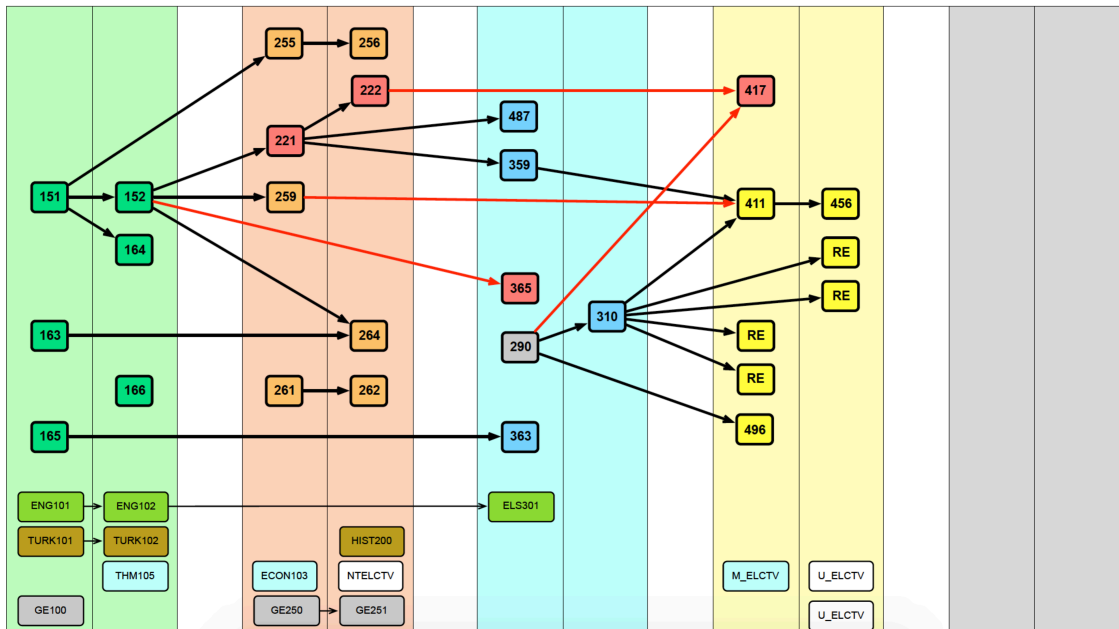
Summary of the update is as follows:

- 251 and 252 are replaced with 221 (Object Oriented Programming) and 222 (Object Oriented Analysis and Design).
- 365 (Applied Data Analysis) is added (5th semester, pre-req: 152).
- 415 is replaced with 417 (Software Design Patterns, pre-reqs: 222, 290).
- 458 is removed.
- M_ELCTV is moved from 5th to 7th semester.
- U_ELCTV is moved from 7th to 8th semester.
- Bilkent credit of 310 is increased from 6 to 9.
- 259 is added to the pre-requisite list of 411.

Catalog descriptions of new courses can also be found in
<https://catalog.bilkent.edu.tr/current/dep/dc62.html>

Check the following figure for the new curriculum (Red highlights show the updates). We will put a new update on the web and inform you asap. The rest of this document is updated wrt the new curriculum.

CTIS curriculum - 2018



- b. Number of years of education is 4. If you started CTIS in a Spring then there is a chance of graduating in 3.5 years (7 semesters) but this requires extra effort and probably a couple of Summer School courses. It is not possible to graduate in 3 years (6 semesters).

- c. For CTIS, normal course load (NDY) range is [5, 6], nominal credit load (NKY) is 19. For detailed Bilkent regulations please check the following link:
<http://w3.bilkent.edu.tr/www/lisans-ve-on-lisans-egitim-ogretim-yonetmeligi/>

2. Summer Internship (290)

- a. This is a non-credit internship course.
- b. **Time:** The earliest time you can perform Summer Internship is the second Summer.
- c. **Duration:** 20 consecutive working days during Summer months (JUN, JUL, AUG). If you register to Summer School then you can perform internship only in AUG since internship is not allowed while taking a Summer course (JUN+JUL).
- d. **Requirement:** Number of departmental (CTIS-coded) courses belonging to the first four curriculum semesters, *which you did not successfully complete yet*, should be maximum 4. If this number is 5 or 6 then you can enroll to courses in Summer School and if you successfully pass them then you can perform internship in AUG. If this number is ≥ 7 then your Summer Internship is delayed to the next summer.
- e. **Assessment:** A successful internship report and a positive supervisor feedback.

3. Semester Internship (310)

- a. This is a **9-credit** internship course.
- b. Cannot be taken in the last semester. i.e., you need to study at least one semester after your Semester Internship.
- c. **Time:** You can perform Semester Internship in 3rd curriculum year. If you started CTIS in a Fall then you can perform Semester Internship earliest in the sixth semester. If you started CTIS in a Spring then you can perform Semester Internship earliest in the fifth semester.
- d. **Duration:** One whole academic semester (14 weeks).
- e. **Requirements:** You should satisfy all of the following req.s in order to be eligible for 310:
- 290 is the prerequisite for this course; i.e., you should have a "S"atisfactory grade from 290.
 - Your CGPA should be 1.80 or above.
 - Number of departmental (CTIS-coded) courses belonging to the first five curriculum semesters, *which you did not successfully complete yet*, should be maximum 4. If this number is 5 then you can enroll to one of these courses during Semester Internship. If this number is ≥ 6 then your Semester Internship is delayed to the next semester.
- f. **Assessment** tools are follow-up reports, mid-semester interview, internship report, supervisor feedback and CTIS-jury evaluation.

4. Senior Year Courses

Senior Project I&II (411-456)

- a. 411 is the prerequisite of 456.
- b. **456** is NOT offered in Summer.
- c. Students are expected to take **411 and 456** in Fall and Spring semesters respectively, since an information systems is being developed through these 8 months. You can take these courses in Spring-Fall instead of a Fall-Spring only if you happen to graduate at the end of that Fall semester.
- d. You cannot take 411 during 310 (Semester Internship).

Restricted Electives (R_ELCTV)

- e. 310 is the prerequisite for fourth year Restricted Elective courses.
- f. Since these are elective courses it is important that you choose your interests during pre-registration period.
- g. You should take 4 of these courses during your senior year. Ideally 2 in Fall and 2 in Spring semesters.

5. Erasmus Student Exchange

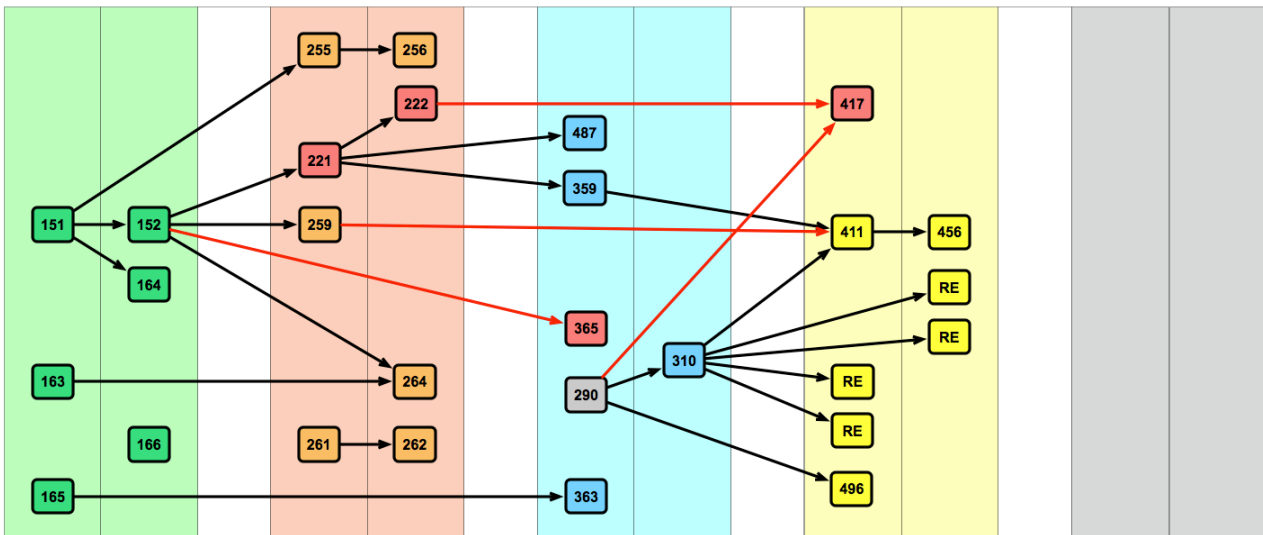
a. Requirements:

- i. Minimum CGPA of 2.50
- ii. You are currently in your minimum 3rd or maximum 5th registration semester.
- b. Currently applications are accepted between mid-November and mid-December.
- c. Therefore If you started CTIS in a Spring then you can apply in your 4th registration semester earliest and if accepted you can go to an exchange partner in your 6th (or 7th) registration semester.
- d. For detailed Bilkent regulations please check the following link:
<http://w3.bilkent.edu.tr/bilkent/outgoing-students/>

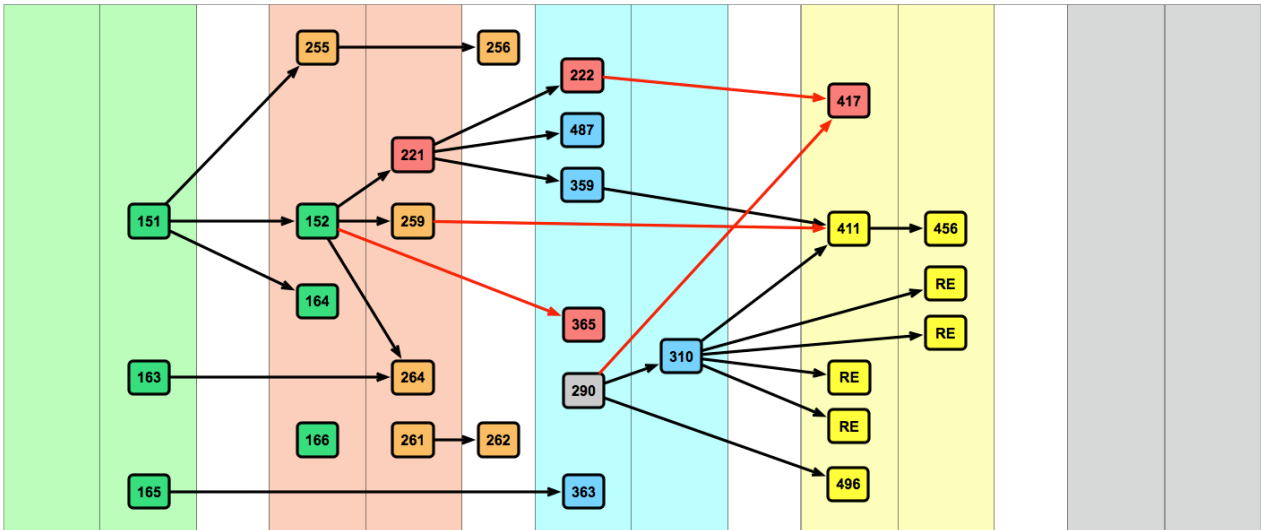
In the following figures you may find example scenarios depicted using “CTIS-coded” courses.

Important Note: It is NOT guaranteed that a course will be offered in Summer School. It usually is being determined on Aprils: you can ask your academic advisors then.

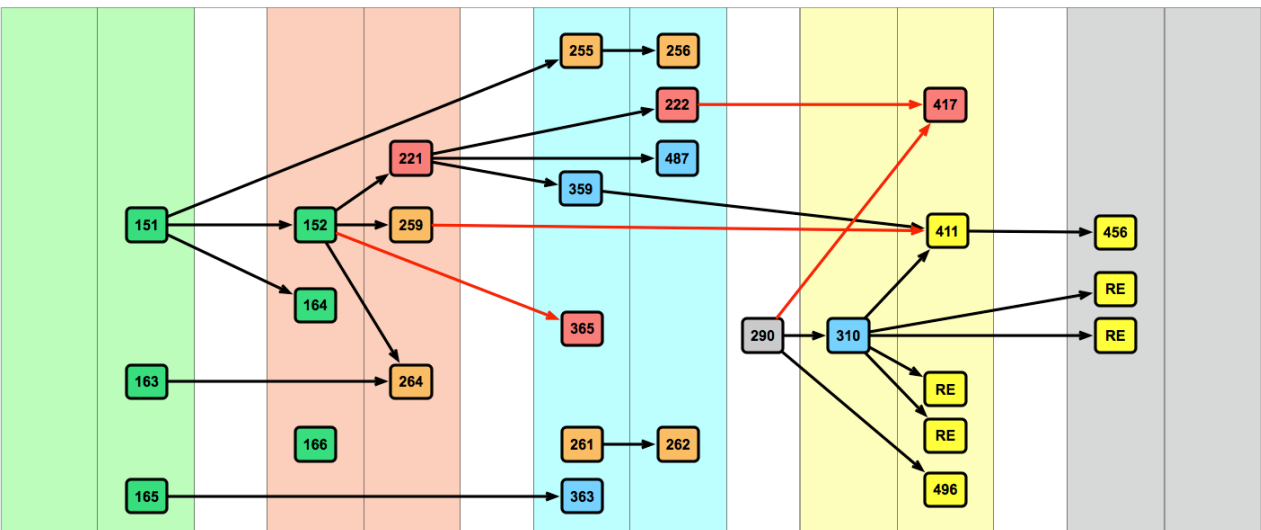
CTIS department courses: Start: FALL, graduate in 8 semesters



CTIS department courses: Start: SPRING, graduate in 7 semesters



CTIS department courses: Start: SPRING, graduate in 8 semesters **A**



CTIS department courses: Start: SPRING, graduate in 8 semesters **B**

