Course	Credits	Time
Calculus	4	6
Algorithm Design and Analysis	3	5
Computer Architecture Lab	1	1
Computer Security	3	4
Introduction to Wireless Network	2	4

Separate the time as p_i and r_i as the method taught in class, when the time is smaller, e.g. in case 7, when divided, as 1 and 6, reference time = 6 for the optimal separation method.

However, there's a catch that, we can't really choose the same course twice or more :p Therefore, we have to eliminate the duplicated courses, such as CA lab for time = 4, 5 and 6.

Repeat this "reference forward" and "eliminate the duplicate courses" SOP for rest of the entries. The procedure is tedious afterward, so I only enlisted my method for the first few items.

In my notes section, I list out the possible combination first, in the form of p_i + r_i. Next, when cases got complicated, aka there are eliminated courses, I mark the optimal credit counts in the square bracket. At last, the possible combination of courses is enlisted as the last item, when multiple options exists, they are separated by slashes.

Time	Credits	Notes
0	0	
1	1	1 + 0, CA lab
2	1	1 + 1, CA lab
3	1	1 + 2, CA lab
4	3	1 + 3 [1], 2 + 2, 4 + 0 [2,3], Computer Security
5	4	1 + 4 [4], 2 + 3 [2], 5 + 0 [3], CA lab + CS
6	4	1 + 5 [4], 2 + 4 [4], 3 + 3 [1], 6 + 0 [4], Calculus/CA lab + ADA
7	5	1 + 6 [5], Calculus + CA lab
8	5	1 + 7, 2 + 6, ~~3 + 5~~
9	6	1 + 8, 2 + 7, 3 + 6, 4 + 5, CA lab + CS + WN/ADA + CS
10	7	…
11	7	…
12	8	…
13	8	
14	9	
15	10	
16	11	
17	11	
18	11	
19	12	
20	13	