Instructions for producing a degree plan – Computer Science Major

Refer to all on-line materials including CS checksheet; CS prerequisite chart; Group 1A and 1B courses; Group II courses; CS AUCC choices, including natural sciences choices. **Use pencil**.

1) From the on-line materials, print a blank degree plan schedule form and a blank CS checksheet form.

2) Determine what credits you have earned or are in progress
   - Go to ramweb and look at your unofficial transcript
   - List each CSU completed semester and in progress semester on degree plan form
   - List all AP/IB and transfer courses and credits on back of degree plan form
   - Put a check mark by each course completed or in progress that is on the checksheet (For example if you are currently taking CO 150 or if you have credit on your transcript for CO 150, put a check mark in front of CO 150.

3) Determined required computer science and math courses
   - Fill in ALL remaining CS core required courses, MATH 160, MATH 161, Linear Algebra (MATH 229 or MATH 369), and Statistics (STAT 301 or STAT 315) in the semester to be completed on the degree plan schedule form.
     - ◢ *Make sure ALL math and CS prerequisites are met for each course*
   - Select and fill in 4 specific CS 4xx level courses from the Group 1A and 1B course list.
     - ■ Make sure at least one CS 4xx has an asterisks at the beginning of the course number.
   - Put a check mark by each course you added to the degree plan form on the checksheet

4) Determine CS department AUCC Natural Science courses
   - Select 12 credits of natural sciences courses that meet the requirements as described on the CS AUCC choices sheet.
     - ■ Ensure at least 7 credits come from two different departments and come from first list
   - Put a check mark by each space for a natural science course on the checksheet

5) Determine remaining AUCC courses
   - Select and fill in the remaining **specific** courses to meet the AUCC requirements. Course choices are listed in the CS AUCC choices link. Description of courses can be found in ramweb or in the on-line CSU catalog.
     - ■ CO 150
     - ■ Advanced writing course
     - ■ Two Arts and Humanities courses
     - ■ Social/Behavioral Science course
     - ■ Historical perspective course
     - ■ Global and cultural awareness course
   - Put a check mark by each space on your checksheet

6) Determine Group II courses
   - Select and fill in 3 specific courses from the on-line Group II list.
   - Make sure all pre-requisites met for courses selected (check courses in ramweb)
   - For CIS courses, the CIS 200 level pre-requisite requirements may be waived once CS 200 and CS 270 have been completed
   - Put a check mark by each Group II space on your checksheet

7) Ensure at least 120 credits

- Fill in enough free electives (use word elective, do not need to specify specific courses at this time) so that your total plan adds up to at least 120 credits

8) Check your plan for 'reasonableness'
   - Make sure all your semesters have between 14 and 17 credits. You need to average 15 credits to graduate in 8 semesters. However, you are not obliged to finish in 8 semesters, and can plan to take longer if you wish. There is extra space on the degree plan form for this purpose
   - Try to have reasonable expectations of yourself – for example, you should be able to graduate in 8 semesters by taking *no more than two CS classes* in any given semester (taking four CS courses at one time will create semesters that are difficult, if not impossible).
   - Make sure all required courses from your checksheet have been checked-off.