

scheduling_msalgo_course_to_be_place

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A course number is automatically displayed. This is the course that MSALGO determines should be placed first. To select another course, Click  to select the course.

The courses in the ellipsis lookup are sorted by the ranking in an algorithm: from the least number of sections and greatest number of conflicts within the number of sections, to the greatest number of sections and number of conflicts, from greatest to least, within the number of sections.

For each course, the course number and title, number of conflicts, and the number of sections placed are displayed. (The lower the number of conflicts, the more difficult to place.)

If all sections of a course are placed, the message “Placed” is displayed. Otherwise, the number of sections placed out of the number of sections available is displayed (e.g., 0 of 1).

The algorithm ranks the most difficult courses to place first, but any course can be selected for placing.

Data for the selected course is displayed, including the course title, number of semesters and periods, number of conflicts, number of sections placed, and number of requests.

Section placement guidelines:

MSALGO uses the following rules for the order of placement:

Singletons (i.e., courses that are only offered once) are placed first. Within the singletons, the sections are placed sequentially from highest to lowest number of total potential conflicts.

Example: Courses 1004 and 2003 are both singletons. Course 1004 shows 223 conflicts, while course 2003 shows 145 conflicts. MSALGO selects course 1004 to be placed before course 2003.

Once all of the singletons are placed, MSALGO moves on to the doubletons, and so on.

This process continues until all sections have been placed on the master schedule.


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