

Place (MSALGO)

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Scheduling > Maintenance > MSALGO > Process > Place

This tab is used to place the sections on the master schedule. You must enter and save the information on the Build tab prior to using this tab.

Place sections:

After entering and saving the sections on the Build tab, click the Place tab.

Field	Description
Course to be Placed	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.

<table>
<tr><th>Field</th><th>Description</th></tr>
<tr><td>Sections</td><td>
<table>
<tr><td>Sec</td><td>Type the number of sections for the course.</td></tr>
<tr><td>Seats</td><td>Type the number of seats available for the section.</td></tr>
<tr><td>Team Code</td><td>(Optional) Type the one-character team code for the section. When MSALGO determines which sections meet all of a student's restriction criteria, if there is a team code in the section record, it will check the student demographic team code for a match.</td></tr>
</table>
Section placement:
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.
</td></tr>
</table>

Click Save.

This will update the Courses to be Placed dialog box with information about any sections that are now placed. It will also automatically retrieve the course which MSALGO determines is the next course to be placed.

Note: You can save data at any time while you are on the Place tab.

Click Next Crs to Place to retrieve the course which MSALGO determines should be placed next. This will be the first course which is not completely placed that MSALGO determines has the highest priority for placement.

A section is considered placed if meeting time 1 has a semester code, beginning period, and ending period. The information must be saved.

All sections of a course must be placed for MSALGO to consider the course completely placed.

The next course to place is not accurate unless all meeting time information entered is saved.

Click View Chart to view the placement chart. The report opens in a new window. Review, save, or print the report.


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