


# 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.<br><br>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.<br><br>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.)<br><br>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).<br><br>The algorithm ranks the most difficult courses to place first, but any course can be selected for placing.<br><br>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:<br>
MSALGO uses the following rules for the order of placement:<br><br>
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.<br><br>
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.<br><br>
Once all of the singletons are placed, MSALGO moves on to the doubletons, and so on.<br>
This process continues until all sections have been placed on the master schedule.
</td></tr>
<tr><td>Meeting Times</td><td>
The meeting times for the selected section are listed. A course section must have at least one meeting time and can have up to four meeting times.<br><br>
❑ Click +Add to add a meeting time. A row is added to the grid.
<table>
<tr><td>Sec-Meet</td><td>A sequential number is displayed for each meeting time you add.</td></tr>
<tr><td>Sem</td><td>Select the code indicating the semester(s) the class meets.</td></tr>
<tr><td>Frm<br>To</td><td>Select the beginning and ending periods when the class begins and ends.</td></tr>
<tr><td>Instr</td><td>Click ⋮ to select an instructor.</td></tr>
<tr><td>Room</td><td>Type the room number in which the class meets, up to four characters.</td></tr>
<tr><td>Days</td><td>Select the code indicating the day(s) the class meets.</td></tr>
<tr><td></td><td>Delete a meeting time.<br>1. Click 🗑 to delete a row. The row is shaded red to indicate that it will be deleted when the record is saved. You can select multiple rows to be deleted at the same time.<br><br>2. Click Save. You are prompted to confirm that you want to delete the row. Click Yes to continue. Otherwise, click No.<br><br>You can save edits and delete records in the same step (i.e., the changes are all committed when the record is saved).<br>Meeting time 1 cannot be deleted. At least one meeting time is required for each section.</td></tr>
</table>
</td></tr>
</table>

Click **Save**. This updates the **Courses to be Placed** ellipsis lookup with information about any sections that are now placed. It also automatically retrieves the next course to be placed, as determined by MSALGO.

You can save data at any time.

Click Next Crs to Place to retrieve the next course, which will be the first course not completely placed that has the highest priority for placement, as determined by MSALGO.

- 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. Review, save, or print the report.


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