

A Guide to Check-sheets

Check-sheets are the Math Department's way of tracking progress toward the degree. The degree audit available through WebSIS (<http://student.mit.edu/>) is still the best way to review GIR requirements, but it's pretty useless at evaluating progress in the major. Check-sheets provide a complement to that, showing progress against the Math Major requirements, as well as providing information on other graduation requirements.

The information in check-sheets is broken down into three main panels:

The left-hand panel contains the requirements for your Math Major track. It has lines for each of the main requirements and fills in the class you have taken to fulfill that requirement, including your grade in the subject, the number of units earned, and the term in which it was taken. (If you hover your cursor over the subject number, you will also see the subject title and the name of the instructor.) Your check-sheet may include hidden grades for some course 18 subjects; these appear here only and not on any official transcript.

You might also see a subject number listed to the right of the term information. This indicates approved substitutions or joint subjects enrolled under a non-course-18 number. This column also tags some classes as CI-M subjects in Math.

Many check-sheets may include a horizontal line in this panel. Subjects listed below the line are not being used to fulfill a Math major requirement (except possibly a tagged CI-M), perhaps because another subject already has, or because of the grade you received, or other such reasons.

Your check-sheet reflects the requirements for the Math Major track you have selected, but you can explore other options using the pull-down menu just above this panel, to the left of the greyed-out "update" box. (18A = applied, 18B = pure, 18C = 18C, and 18g = general) If you do want to change your track officially, you need to contact Debbie Bower (debbie@math.mit.edu) in Math's Academic Services office to change between 18-general, 18-pure, and 18-applied. To change between any of these and 18C, you need to submit a Change of Major form to the Registrar's Office (<http://registrar.mit.edu/registration-academics/academic-requirements/majors-minors/changing-major>).

The middle panel lists most of the core GIRs, except for the HASS requirements and the Math GIRs. These include the other Science GIRs, the Institute Lab, and one of the two required REST subjects. Because almost all Math majors take one REST by fulfilling their Math major requirements (all of 18.03, 18.05, 18.06, 18.600, and 18.700 are Institute RESTs), here we only list the subject outside of course 18 that you are using as your second REST. (Recall that no more than one REST can be in your home department.)

Again, this panel may contain a horizontal line below which are classes not counted for some reason (generally an unsatisfactory grade), and may contain a lower section indicating classes currently in progress or those with unresolved I's, O's, or missing grades that may require further attention.

The right-hand panel is a general listing of all your other completed classes, including your HASS subjects (if not counted elsewhere) and other subjects you have taken.

You will sometimes see an asterisk instead of the units earned. This indicates that those units have already been counted elsewhere in the sheet, because the class was also listed in another location or because you already received credit for an equivalent subject.

Finally, **the header information** includes your (Math) advisor history to the left and a box containing useful summary stats to the right. This box tracks term and cumulative GPA, units earned each term and a running total of units beyond the GIRs (“Add’l”), a count of completed GIRs (out of the 17 required), and notations about any warnings you may have received (W = warning from the CAP, C or CC = single or double communication warning, MW = math warning, RW = required withdrawal).

These check-sheets are dynamically updated on a daily basis and the content may evolve as the requirements within the major do (due to new classes, new rules, etc.). If you have questions about your check-sheet or spot any errors, please let us know by emailing mathchecksheet@mit.edu.