

How the Electives Lottery Works:

The lottery makes random choices for the electives based on the rank and a randomized weight assigned to that particular choice.

The Lottery effectively works the same way as I & T's lottery with some minor tweaks.

- The ranks are updated to make sure they are all in sequential order (MAX 16 choices)
- The setup is checked to make sure the lottery hasn't been run already
- The students ranked courses are added to a lottery choice table with a random number
- A student's position in the course is determined by getting the row number when ordering all the students in a course by their course rank and the random number, if the row number is less or equal to the number of spots in the course then the student is enrolled in the course
- Students who are enrolled in more than their maximum number of courses are removed from their lowest ranked courses that they are enrolled in until they are only enrolled in the maximum number of courses
- Once complete the student's electives are moved to the Enrollment table.
- The setup is updated with the date the lottery ran

Please note:

If a student requests the same elective (ie: Obs/Gyn block 1) 8 times, this will NOT increase the chances the student will be assigned this elective. Once the system processes the request, (either accepts or denies it) the remaining 7 requests for the same elective will be skipped.