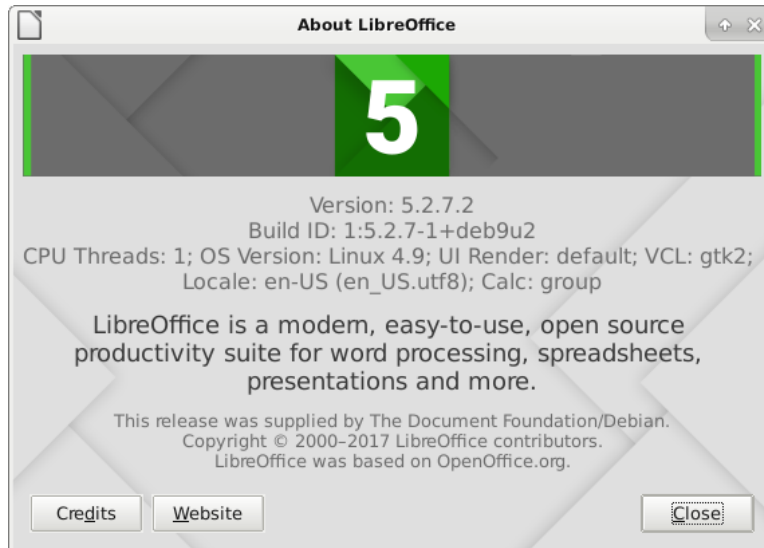# Matriculation Number Creation Guideline
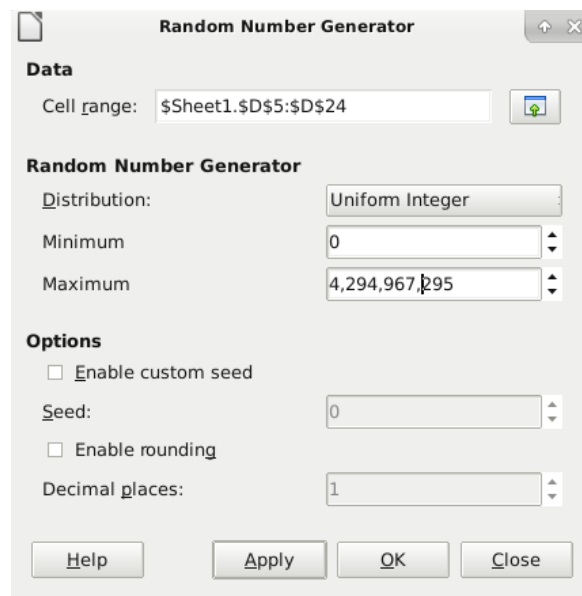
Cyber-Version

First of all, make sure the correct office version is installed:

Then mark the Matriculation No. column of the Students table.

Now you can insert the Numbers by selecting: Sheets → Fill Cells → Random Number

In the dialog, make sure to add the maximal value of 4294967295 since we want the highest security:

Important: Overwrite the number in the sheet with "RECEIVED" once the student received it!

Offline Version

First you have to get three fair dice from the supply manager. The matriculation number per student gets determined in the following way:

- Roll the first dice

- If the result of the throw is larger or equal to 4:

    - Throw the other two dice simultaneously and add the sum of their eyes to get the next digit of the matriculation number. If the sum is larger than 9 repeat this step, unless the result is 11 which is counted as 0.

- If the result is lower than 4:

    - Throw one dice twice and multiply the value of their eyes by 7, then add the products together after reducing them by the modulus 5. If the result of this is larger than 9 repeat this step unless its 12 which is counted as 0.