

10.1 Electron Configuration of Atoms (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

The electron configuration of an atom represents all of the orbital subshells in it that contains electrons. The quantum number n refers to rows in the periodic table. The quantum number l refers to columns in the periodic table. Remember that the n numbering begins with 1 for s, 2 for p 3 for d blocks, and 4 for f. The number of electrons contained in a subshell are shown using a superscript. $3d^6$ means that there are 6 electrons in the 3d subshell.

Link to Video

Electron Configuration of Atoms: <https://youtu.be/LIY-O3-bfnk>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

10.1 Electron Configuration of Atoms (Video) is shared under a [not declared](#) license and was authored, remixed, and/or curated by LibreTexts.