NS3 Installation steps for Ubuntu:

sudo apt-get update

sudo apt-get install gcc g++ python python-dev mercurial bzr gdb valgrind gsl-bin libgsl0-dev libgsl0ldbl flex bison tcpdump sqlite sqlite3 libsqlite3-dev libxml2 libxml2-dev libgtk2.0-0 libgtk2.0-dev uncrustify doxygen graphviz imagemagick texlive texlive-latex-extra texlive-generic-extra texlive-generic-recommended texinfo dia texlive texlive-latex-extra texlive-extra-utils texlive-generic-recommended texi2html python-pygraphviz python-kiwi python-pygoocanvas libgoocanvas-dev python-pygccxml

cd mkdir ns3

cd ns3

wget http://www.nsnam.org/release/ns-allinone-3.19.tar.bz2

tar xjf ns-allinone-3.19.tar.bz2 cd ns-allinone-3.19/

Download a .zip of this repository: https://github.com/Aldalbahias/VLC/

Follow the given readme to install the vlc module in ns3