

## **Annotation**

The purpose of this diploma work is to develop a set of tasks for practical training of bachelors in the discipline "Mobile telecommunications", to study the existing 4G technology, as well as the basics of building a 5g wireless network in urban conditions , its architecture and standards. This work will be performed in the classroom on a computer in order to teach students to calculate the basics of building 5G networks, as well as the ability to use this guideline to improve the classification in the field of "Mobile telecommunications" of external personnel.