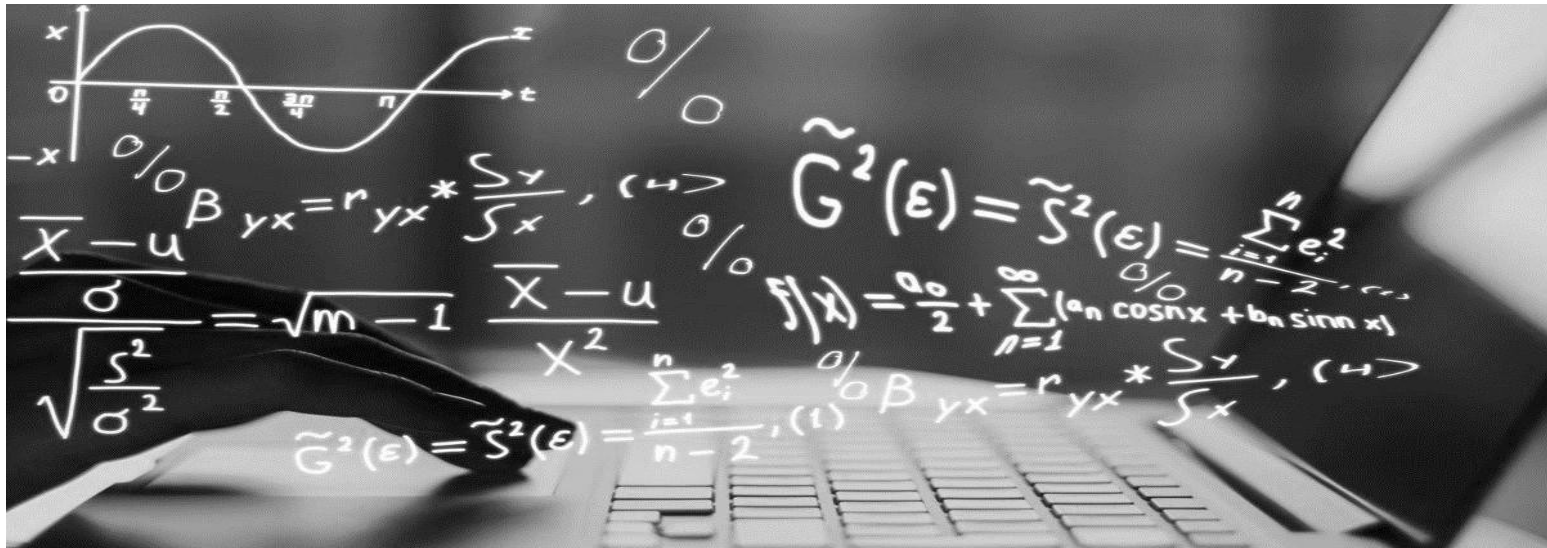


Branch:Mathematical Engineering



Code: MATHEM

Option: Mathematics

Level: Master

Prerequisites:

Opportunities:

For graduates of the Master of Mathematics program, career opportunities open up in a wide range of sectors. Possible employers are universities, research institutes, research and development departments of large companies, public authorities and medium-sized companies. In terms of content, mathematicians are active in basic research and in areas such as software development, management consulting, data security, communication and computer science.

Description:

The Master's program in mathematics deepens and broadens existing knowledge and offers a wide range of individual interests. What is the purpose of this study program?

The Master's program in mathematics builds on a Bachelor's degree in mathematics, physics or comparable studies. It is aimed at students who are interested in mathematics as an exact science.

Numerous specialization options are offered in mathematical fields such as algorithmic algebra, analysis, dynamical systems, geometry and visualization, mathematical modelling or mathematical physics. In addition, it is possible to choose courses in the theoretical areas of computer science, physics, chemistry,

economics or other disciplines. This high degree of flexibility allows students to achieve an individual competence profile.

Specific competences

Your subject-specific skills are complemented by interdisciplinary soft skills, such as rhetoric or presentation skills.

Quality and competences:

As a graduate, you will have a thorough understanding of the main mathematical fields. In addition, you will be able to acquire individual knowledge and skills according to your choice of direction and specialization.