

LUT UNIVERSITY: Applying with Mathematics Curriculum

Autumn 2024 intake

About the mathematics curriculum

A curriculum contains a list of study objectives, courses and course contents; it is a study plan. A curriculum is not equivalent to the transcript of records. Please note that the curriculum must cover the complete duration of the upper secondary studies.

Submit an official copy of Mathematics Curriculum for the upper secondary degree on the application form at the time of applying. The following areas of advanced mathematics must be included in the Mathematics Curriculum for the upper secondary degree. You must have studied these areas of advanced mathematics *during* your upper secondary studies, and you must have obtained the necessary skills required for the LUT Bachelor's studies.

- **Circular Measure**
- **Coordinate Geometry**
- **Differentiation**
- **Functions**
- **Complex Numbers**
- **Indices, Surd and Logarithms**
- **Integration**
- **Linear Law**
- **Permutation and Combination**
- **Probability Distributions**
- **Progressions**
- **Quadratic Functions**
- **Solution of Triangles**
- **Systems of Equations**
- **Trigonometric Functions**
- **Vectors**

Each application and the educational documents are evaluated individually and the admission committee for the programme reserves a right to reject an application if there are notable deficiencies in the applicant's advanced mathematics skills.

Please ensure the submission of your official upper secondary mathematics curriculum with your application. The document must be officially issued by an institution, board, or ministry to be considered valid.