

Elective Courses

1. Importance of Elective Courses

The Mathematics undergraduate curriculum has been reorganized to have 10 Technical Elective Courses. Having a high number of technical elective courses adds flexibility to the program and provides students with the opportunity to take courses in areas that they are interested in. As long as course selections are made correctly and purposefully, there can be many benefits for students, such as:

- Individual awareness can become more important.
- Collaboration and teamwork among students can increase.
- Students can become acquainted with different fields of study.
- Students can progress in an area that they are interested in.
- If desired, students can be better prepared for academic life.
- Students can make more informed decisions regarding their career choice.

2. Students' Responsibilities

Having the option to choose elective courses means that each student has to take more responsibility for their own future. Therefore, in addition to all the positive opportunities provided by elective courses, students also have significant responsibilities to make the most of their university education. It is extremely important and necessary for students to choose their courses consciously.

3. How to Make Course Selections: Decision-Making Recommendations

First of all, students can research courses that they are interested in and acquire information. They can access course contents via OBS or visit our website. Then, it is strongly recommended that they consult with their Academic Advisor to create a roadmap. As an example, some general approaches to course selection:

- Students can acquire knowledge about the wide world of mathematics by taking courses in different theoretical and applied areas. Therefore, they can leave specialization in a particular field for their post-graduation work.
- Students can choose to focus on progressing in a specific field by taking mostly courses from the applied branch of mathematics during their undergraduate education. Thus, they can take the first steps towards acquiring a profession and develop their skills in that direction.
- Students can plan their course selections for post-graduation scientific research and academic work.

Best of luck!