

## Support system covering all phases of the student life cycle in the service of the region

### Flexible learning pathways:

- Special study schedule
- Application for changing the working arrangements
- Advantageous examination
  - **Faculty of Law:** The faculty offers some courses where students' knowledge is assessed throughout the term, student sit for written examination on a volunteer basis and end-of-term marks are given based on mid-term assessments or based on both mid-term assessments and the performance in the examination.
- Elite athlete mentor program: Every year the University of Miskolc launches a call for elite athletes studying at the university in order to help the athletes in the student status harmonise sports and studies. Students who can apply for the mentor programs are as follows: student-athletes of age groups and of the national team participating in the Olympic and Universiade sports and games, students from the Heracles Star Program, and medallist of the World University Championships, student-athletes from Miskolc leading sports teams, student-athletes performing well in sports and representing the University of Miskolc (MEAFC male basketball players NB/I/B team members, taking MEFOD I-III places.

### Identification of critical courses:

- **Faculty of Law:** The Faculty Council may make recommendations regarding the critical course to the lecturer in charge of the course (for example, preparing the course materials, reducing the amount of the teaching material, etc.) Also, the redesign of the Roman Law course - as a critical subject – started in September 2012 and instead of two course units of Roman Law 1 and Roman Law 2 and Roman Law practical classes 1 and Roman Law practical classes 2 each, three course units of each course were introduced (Roman Law 1, Roman Law 2 and Roman Law 3 and Roman Law practical classes 1, Roman Law practical classes 2 and Roman Law practical classes 3).
- **Faculty of Materials Engineering:** The outcome of the analyses revealed that students' performance in Mechanics is extremely poor. In the model course syllabus Mathematics II was separated from Mechanics courses, which resulted in a better performance of students.
- **Faculty of Earth Science and Engineering:** In the Electrotechnics course the lecturer was replaced and new teaching methodology was applied, which resulted in higher performance of students.
- Offering developmental seminars: for example, within the framework of the Terplán Zénó program, the **Faculty of Mechanical Engineering and Informatics** offered first year BSc students consultations in critical fundamental core subjects (mathematics, physics, mechanics and informatics) that were tailored to each student's needs and interests and were required to complete to enable students to proceed with studies. In the first semester of the 2017/2018 academic year within the framework of the Dual Drive University

project, the students studying in dual education programs and conventional programs could attend catch-up classes in Analysis I, Descriptive Geometry, Probability Theory, and Fundamentals of Programming. In the academic year of 2014/2015 the Student Self-Government of the Faculty launched a Tutoring program, where senior students with excellent academic performance instructed junior students.

- Courses promoting learning: **Faculty of Health Care:** The Faculty participated in the EFOP-3.4.3-16-2016-00015 "Főnix ME" Sub-Project – Renewing University - Institutional development aiming at improving both the quality of higher education and the access to quality education. Within the framework of the project of Establishing Community Higher Education Training Centre (subproject 1) in Satoraljaújhely, in the Health Care and Disease Prevention correspondence BSC course offered in the Programme for Health Visitors, courses supporting students' learning were regularly launched.
- At the University of Miskolc within the framework of specific courses and in some specialities, the lecturers measure and develop students' competence in order to improve learning outcomes. At the **Faculty of Economics** the Vienna Test System is used to measure student competencies which are developed in the Development Centres of the Competence Laboratory of the Faculty.

### **Talent management:**

- Lecturers tutoring activities and offering mentor consultations (students with disabilities)
- **Faculty of Economics:** Finance Culture course book, teaching and mentoring Household Management: within the framework of the project students from disadvantaged backgrounds participated in different training courses related to household management, general budget management, etiquette and sensitivity topic areas. The course participants further transmit the gained knowledge to their communities
- Activities of the Students' Scientific Association (TDK)
- Voluntary groups: **Faculty of Arts:** Citromfa Political Workshop, the Present Age Workshop, Pro Scientia Student Circle, etc.
- Students are engaged in research activities of different institutes. (For example, at the Faculty of Arts they are engaged in the projects of the Institute of Applied Social Sciences), participate in organising and holding conferences, and in forums presenting research findings. For example, at the Faculty of Arts they are involved in Taní-táni conferences organised by the Teacher Training Institute.
- **Faculty of Materials Engineering:** advanced materials and intelligent technologies, the Higher Education Industrial Cooperation Centre (FEIK) was established. This Centre participated in several projects. For example, designing and building a Formula One car, launching car race competitions such as go-cart cars with internal combustion engines or with electric engines; Pneumobil: focusing on environmentally friendly technical solutions in designing vehicle engines; management of a Supercomputer, optimised configuration of computers for specific tasks.
- Inviting students to apply for the position of demonstrators, employing the most talented students and giving them a Study Memorial Certificate for their dedicated work.

- College for Advanced Studies: each faculty establish a College for Advanced Studies in order to provide high standard of education in their professional areas and in this way to contribute to management of talents of students with outstanding skills and competencies.
- **Faculty of Law:** Bruckner Győző talent management College for Advanced Studies
- **Faculty of Earth Science and Engineering:** Natural Resources Research and Utilisation College for Advanced Studies
- **Faculty of Health Care:** Selye János College for Advanced Studies
- **Faculty of Mechanical Engineering and Informatics** Terplán Zénó College for Advanced Studies
- **Faculty of Economics** Hantos Elemér College for Advanced Studies
- Student groups of international organisations. At the **Faculty of Earth Science and Engineering** there are four student groups: AAPG (American Association of Petroleum Geologists), SPE (Society of Petroleum Engineers), EAGE (European Association of Geoscientists and Engineers), SEG (Society of Economic Geologists). They organise professional events every second month. Also, students participate in the talent competition (Uppp; Freshhh) launched by the MOL Group and achieve outstanding results (winners of the 2015 competition).
- **Faculty of Mechanical Engineering and Informatics:** International project work: the students of the faculty work in a group with foreign students and participate in engineering design tasks offered by manufacturing companies.
- **Faculty of Earth Science and Engineering:** Students who prepare for participation in international professional competitions are considered to fulfil the requirements of the subject related to the competition. For example, the AAPG Imperial Barrel Award competition participants who were in their third year of MSc program carbon hydrogen researcher were awarded an exception from project work. As for the professional aspect, the voluntary group of the SPE Miskolc Student Chapter organise Academic lessons where student instruct students in practical classes in different topics, especially from petroleum areas. The Natural Gas Engineering Department closely liaise with professional partners. The Natural Gas Transmission Closed Company Limited by Shares (abbreviated as FGSZ Ltd) and the faculty organise a professional day for students every spring. Geographer students have been organising a GEOGRAPHER DAY for 20 years where presentations on professional topics are given by alumni who are present on the labour market and can provide constructive life guidance and professional assistance to current students. All faculty students and lectures take part in this annual event. MINING ENGINEERING FOR TECHNICAL DEVELOPMENT foundation calls for graduate student thesis contest in mining engineering and offers awards. Members of local student sections of professional international organisations actively participate in community development (EAGE Miskolc Student Chapter). The Institute of Geophysics and Geoinformatics has always placed special emphasis on inviting students to join professional organisations (MGE, EAGE, OMBKE).
- **Faculty of Materials Engineering:** The faculty always welcomes students and lecturers to join the Hungarian Mining and Metallurgical Society whose University Department operates at two faculties of the Miskolc University (Faculty of Materials Engineering and Faculty of Earth Science and Engineering). This Society together with lecturers and students and for them organises non-university events, community programs, social events and celebrations.

**Mentoring:**

- The Greek Catholic Roma College for Advanced Studies supports student from disadvantaged backgrounds in participation in programs of the College for Advanced Studies since this constitutes an integral part of their mentoring and tutoring activities offered to such students. The academic staff of the University of Miskolc is also engaged in these activities on a regular basis.
- **Faculty of Materials Engineering:** A young colleague has been assigned in every major to mentor dual education students with special needs. The students can turn to their mentors with their problems. Mentors organised common events for students every year where they provide students guidance on corporate issues.
- **Faculty of Economics:** The Agora Project for entrepreneurs aims to promote students' start-up intentions and helps them set up enterprises. The project aims to provide support and guidance to students on their start-up intentions, setting up their own businesses and micro enterprises, elaborating business plans, to empower the students with appropriate knowledge and to develop the necessary skills.