

FON University - Skopje

The Functional requirements for the iKnow project – eStudent services:

1. We need a **solution that will be service-oriented**, so that it can communicate with our own Student information system.

Also – the **solution should be modular**, so every business process should be separate Module.

2. Academic services of the new solution:

- Enrollment process
- Complete ECTS support
 - Credits, supplement diploma, subject prerequisites etc.
 - Support for multi-modal ECTS
- Application for exam attendance based on different configurable conditions.

Typical Use-cases that should be covered are:

- Create study group;
- Change study program;
- Application for enrolling in a new semester;
- Election of courses in current semester;
- Application for an exam attending;
- Issuing different types of certifications (regular student, masters student,...);
- Generate Report regarding some query (e.g. exams passed, average success);
- Public defense of a diploma, master's and doctoral thesis;
- Define dependence among courses;
- Accept money payments from students for different purposes;
- Assign the money for a specific purpose;

Specific Documents in circulation:

- Register of enrolled students (matichna book);
- Student file;
- Employee file;
- Enrollment application;
- Semestral list;

- Diplomas on all levels;
- Diploma supplement;
- Subjects (by Semester and by Study group)
- Subjects (by Professor);
- Different types of Reports and certificates.

3. Billing of all charges via single point, in cooperation with a bank.

4. Class attendance control.

5. Customized HR system for academic staff.

6. Digital signature for all staff and students.

7. Student alumni with extranet for company partners.

8. Security issues for all University departments

9. Integration with some unified print and scan platform solution with secure printing feature (example: UniFLOW). This feature should be integrated with the accounting module for building a pricelist for each role in the system.