| Internal Quality <br> System (IQS) - <br> Monitoring <br> Area | The name of the indicator | Indicator measurement | Calculation | Evaluation | Development | Note | Data acquisition |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | The level of satisfaction with the information provided on the school's website | Satisfaction rate indicator | The questionnaire aimed at study applicants and advisers at secondary schools | Expresses satisfaction in percentage with the information provided to the external parties. The minimum number of respondents is 50 . | The value should increase | The questionnaire is carried out electronically or in a paper form | Questionnaire |
| A | The degree of satisfaction of the higher education teachers and students with the application of the values of the quality system | Satisfaction rate indicator | The questionnaire, where university teachers and students express their level of satisfaction with the quality at the PEU, focused on 6 areas. | Expresses the satisfaction in percentage of employees and students with the fulfillment of quality standards; | The value should not increase | The questionnaire is carried out electronically or in a paper form; the areas covered are: Improving the quality of processes at the PEU; Development of relations between employees and the organization at the PEU; - Level of communication at the PEU; Evaluation of activities, actions and projects at the PEU; Building a positive relationship with the PEU; - Equalizing any information inequalities at all levels at the PEU. | Questionnaire |
| A | The coefficient of perception of different evaluation of students during studies and in practice | Coefficient of variation | The aggregate value of faculty evaluation level/aggregate employment evaluation level*100 | Measures a difference between the perception of the faculty's evaluation in the position of a student and how it is evaluated by the employer in employment. The total number of respondents is at least 10 . The level of results during studies and the results achieved in the current job are evaluated. The value scale is from 1 to 5 , with 5 being the best value. | The value of 100 is best | Questionnaire | Questionnaire |
| A | The share of students involved in activities aimed at improving the quality of education | Indicator of active involvement | (The number of students involved in activities aimed at improving the quality of education)/(total number of students in the monitored period) *100 | The percentage rate of student involvement in activities aimed at improving the quality of education | The value should increase | Questionnaire data | Questionnaire |
|  | The evaluation of the usability of information for the effective management of education |  | The questionnaire survey of 4 faculty managers, who comment on the information used for education management, which comes from the rectorate/faculty management | The percentage of the usability of information in the education management | The value should not decrease | Based on the survey, which assesses the usability of information for effective management of the education process from several points of view. These factors are: completeness, timeliness, accuracy, availability, and comprehensibility. With these factors, the manager expresses satisfaction or dissatisfaction in percentage. $100 \%$ is the most and $0 \%$ is the least. | Questionnaire |


| A | Employers' satisfaction with the preparation of graduates | Readiness of faculty graduates | The summary average readiness of all graduates at the $\mathrm{i}^{\text {h }}$ employer (PRII/n) | The percentage of the readiness of graduates to fulfill the requirements of practice | The value should not decrease | $\mathrm{PRI}_{\mathrm{i}}$ - the number of the hired graduates in the observed period, expressed as the average readiness of all graduates at the $\mathrm{i}^{\text {th }}$ employer; n - represents at least 5 employers, who hired graduates of the faculty in the observed period. The number of graduates is monitored pursuant to the survey | The data from the website uplanenie.sk and a questionnaire for employers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | The study success rate | The difference between the percentage of students leaving their studies in the $1^{\text {st }}$ year and in the last year of the first degree of education | (The percentage of unsuccessful students leaving their studies in the monitoring period in the $1^{\text {st }}$ year of study of the given study program from the total number of unsuccessful students leaving their studies) - (The percentage of unsuccessful students leaving their studies in the monitored period in the last year of study of the given study program from the total number of unsuccessful students leaving the study) | A positive value represents high demands for the first years; zero represents equal demands; a negative value represents a burden in the last year of study | The values should be at zero |  | UIS (control via the Study Department (SD)) |
| B | The coefficient of unemployment of graduates | Percentage of unemployed graduates | The number of unemployed graduates in year $\mathrm{X}+1$ /number of all graduates in year x | The coefficient expressing the share of unemployed graduates in the total number of graduates | The value should not increase | The number of unemployed graduates by 31 October of the following year, when the student completed his/her studies at the $2^{\text {nd }}$ level according to data from the Central Office of Labor, Social Affairs and Family (COLSAF) statistics | COLSAF and uplatnenie.sk |
| B | The evaluation of the offered study programs | The number of study programs offered | The number of study programs offered/total number of study programs accredited*100 | The percentage share of study programs offered in the academic year | The value should decrease |  | UIS (control through the Vice-Deans for studies) |
| B | The share of study programs not offered | The share of study programs not offered | The number of unopened study programs/total number of accredited study programs*100 | The percentage share of unopened study programs in the academic year | The value should decrease |  | UIS (control through the Vice-Deans for studies) |
| B | Level of student interest in the study program | The number of applicants for the study program at $1^{\text {st }}, 2^{\text {nd }}$ and $3^{\text {rd }}$ degree | The number of submitted applications to the faculty for the given study program/number of students enrolled to the given study program*100 | The percentage share of the number of people interested in studying the study program out of the total number of applications submitted for the study program | The value should not decrease |  | UIS (control through the Vice-Deans for studies) |
| B | The share of students admitted from other higher education institutions in the $2^{\text {nd }}$ and $3^{\text {rd }}$ degree of education | The number of applicants for the study program at the $2^{\text {nd }}$ and $3^{\text {rd }}$ degree from other higher education institution | (The number of applicants for the $2^{\text {nd }}$ and $3^{\text {rd }}$ degree study program from other higher education institutions/total number of applicants for the $2^{\text {nd }}$ and $3^{\text {rd }}$ degree)*100 | The percentage share of students admitted to the $2^{\text {nd }}$ and $3^{\text {rd }}$ degree of education from other higher education institutions | The value should not decrease |  | UIS (control via the SD) |
| в | The share of students of the first degree of education in the total number of students | The share of the first degree students | (The total number of the full-time and external $1^{\text {st }}$-degree students) - (the total number of the full-time and external students in the monitored period at the $1^{\text {st }}, 2^{\text {nd }}$, and $3^{\text {rd }}$ degrees $)^{*} 100$ | The percentage represents the share of the fulltime and external $1^{\text {st }}$ degree students in the total number of the full-time and external students | The value should not decrease |  | UIS (control via the SD) |


| B | The share of students of the second degree of education in the total number of students | The share of the second degree students | (The total number of the full-time and external $2^{\text {nd }}$-degree students) - (the total number of the full-time and external students in the monitored period at the $1^{\text {st }}, 2^{\text {nd }}$, and $3^{\text {rd }}$ degrees) $* 100$ | The percentage represents the share of the fulltime and external $2^{\text {nd }}$ degree students in the total number of the full-time and external students | The value should not decrease | UIS (control via the SD) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | The number of students of the higher education institution/study program per each year of study | The number of students of the higher education institution/study program per each year of study | The number of students of the higher education institution/study program per each year of study | The number of students of the higher education institution/study program per each year of study | The value should not decrease | UIS (control via the SD) |
| B | prematurely ended their studies (divided to those, who were expelled for failure, abandoned studies, ended due to a change to the study program) of the higher education institution/study program per each year of study | The number of the firstyear students, who left their studies prematurely | who prematurely ended their studies (divided to those, who were expelled for failure, abandoned studies, ended due to a change to the study program) of the higher education institution/study program per each year of study | The number of the first-year students, who prematurely ended their studies (divided to those, who were expelled for failure, abandoned studies, ended due to a change to the study program) of the higher education institution/study program per each year of study | The value should not increase | UIS (control via the SD) |
| B | The number of students in the subsequent years of study, who prematurely ended their studies (divided to those, who were expelled for failure, abandoned studies, ended due to a change to the study program) of the higher education institution/study program per each year of study | The number of students in the following years of study, who left their studies prematurely | subsequent years of study, who prematurely ended their studies (divided to those, who were expelled for failure, abandoned studies, ended due to a change to the study program) of the higher education institution/study program per each year of study | The number of students in the subsequent years of study, who prematurely ended their studies (divided to those, who were expelled for failure, abandoned studies, ended due to a change to the study program) of the higher education institution/study program per each year of study | The value should not increase | UIS (control via the SD) |
| B | The share of foreign students in the total number of students, and the share of foreign students studying in a language other than $\qquad$ | The number of foreign students | (The number of foreign students/the total number of students)*100 and (the number of foreign students studying in a language other than Slovak/the total number of students)*100 | The percentage share of foreign students in the total number of students, and the share of foreign students studying in a language other than Slovak language in the total number of students | The value should not decrease | UIS (control via the SD) |
| B | The share of students exceeding the standard length of study and the average length of the above-standard length of study | exceeding the standard length of study and the average length of the above-standard length of study | (The number of students exceeding the standard length of study/the total number of students) and (the number of students exceeding the standard length of study/the total number of students) | The share of students exceeding the standard length of study and the average length of the above-standard length of study | The value should not increase | UIS (control via the SD) |
| B | The number of detected academic frauds and the number of plagiarisms | The number of detected academic frauds and the number of plagiarisms | The number of detected academic frauds and the number of plagiarisms | The number of detected academic frauds and the number of plagiarisms | The value should not increase | Vice-Deans for education and the Ethics Committee |
| B | The number of disciplinary proceedings in case of expulsion from studies, reprimand, and without consequences...) | disciplinary proceedings in case of expulsion from studies | The number of disciplinary proceedings in case of expulsion from studies, reprimand, and without consequences...) | The number of disciplinary proceedings in case of expulsion from studies, reprimand, and without consequences...) | The value should not increase | Vice-Deans for education and the Ethics Committee |
| B | The degree of availability of compulsory study literature planned in the information sheets | The resource availability indicator | The questionnaire survey for at least 10 students, ascertaining satisfaction with the availability of study resources as a basic resource and recommended in the information sheet through questions | A point scale of 10 represents very good accessibility and a value of 1 represents very little accessibility. | Values should not increase | UIS - Information sheets and library |
| B | The teachers to students ratio | The teachers to students ratio | (The number of students at the workplace/the number of teachers at the workplace) | The teachers to students ratio | The value should not decrease | UIS (control through the Personnel Department) |
| B | The number of final theses supervised by the final theses supervisor | theses supervised by the supervisor of final theses and the average per workplace | (The number of final theses supervised by a final theses supervisor) and (the number of final theses/the total number of final theses supervisors) | The number of final theses supervised by the supervisor of final theses and the average per workplace | The maximum value is 10 per teacher | UIS; the maximum aggregate number per person is 10 |


| B | The share of contact teaching in the total capacity of the higher education institution teachers/study program (in hours per week) | The share of contact teaching in the total capacity of higher education institution teachers/study program | (The number of hours of contact teaching/the total capacity of the higher education institution teacher/study program) per week | The share of contact teaching in the total capacity of higher education institution teachers/study program (in hours per week) | The value should not increase |  | UIS (range of hours in the study plan pursuant to the accreditation file) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | The share of students sent for mobility abroad in the total number of students | The share of students sent on mobility abroad | The number of students sent for mobility abroad/the total number of students | The share of students sent for mobility abroad in the total number of students | The value should not decrease |  | UIS (check through an international department) |
| B | The share of students admitted to mobility from abroad in the total number of students | The share of students accepted for mobility from abroad | The number of students accepted for mobility from abroad/the total number of students | The share of students accepted for mobility from abroad in the total number of students | The value should not decrease |  | UIS (check through an international department) |
| B | The scope of career counseling support and services (in hours per student) | The scope of career counseling support and services (in hours per student) | The number of hours of career counseling service and support/the total number of students | The number of hours of career counseling service and support/the total number of students | The value should not decrease |  | ? |
| B | The number of employees focusing on student support | The number of employees focusing on student support | The number of employees focusing on student support/the total number of employees | The number of employees focusing on student support/the total number of employees | The value should not decrease |  | ? |
| B | The rate of student satisfaction with the quality of teaching, evaluation, support from teachers, those with specific needs | The rate of student satisfaction with the teaching process and specific needs | The questionnaire aimed at study applicants and advisers at secondary schools | Expresses satisfaction in percentage with the information provided to the external parties. The minimum number of respondents is 50 . | The value should increase | The questionnaire is carried out electronically or in a paper form | Questionnaire |
| в | The number of initiatives submitted by students | The number of initiatives submitted by students | The number of initiatives submitted by students/the total number of initiatives submitted | Expresses the number of initiatives submitted by students from the total number of initiatives | The value should not decrease |  | The Ethics Commission and the newly created Student Commission |
| B | The number of teachers in the positions of associate professor, professor, assistant professor, assistant, lecturer | The staff structure | The number of teachers in the functional position of Senior Lecturer, Professor, Assistant Professor, Assistant, Lecturer | Expresses the number of teachers in the position of Senior Lecturer, Professor, Assistant Professor, Assistant, Lecturer |  |  | UIS (control through the Personnel Department and faculties) |
| B | The number of senior teachers and their share in all teachers | The staff structure pursuant to seniority | (The number of senior teachers) and (the number of senior employees/the number of all teachers) | Expresses the number of senior teachers and the share in all teachers | The value should increase |  | UIS and reports for Center of Scientific and Technical Information (CSTI) <br> (check through the Personnel Department and faculties) |
| B | The share of teachers with PhD and above in the total number | The share of teachers with a Ph.D. and above in the total number | The share of teachers with PhD and above/the total number of teachers | Expresses the share of teachers with PhD and above in the total number | The value should increase |  | UIS and reports for Center of Scientific and Technical Information (CSTI) (check through the Personnel Department and faculties) |
| B | The age of teachers providing profiling subjects | The age of teachers providing profiling subjects | The sum of ages of teachers providing the profiling subjects/the number of teachers providing profiling subjects | Expresses the average age of teachers providing profiling subjects | Average up to 65 years |  | and Technical Information (CSTI) (check through the Personnel Department and faculties) |
| B | The share of teachers-graduates from another higher education institution | The share of teachersgraduates from another higher education institution | The number of teachers, who graduated from another higher education institution/the total number of teachers | Expresses the share of teachers, who graduated from another higher education institution | The value should increase |  | UIS (control through the Personnel Department and faculties) |
| B | The share of teachers with PhD from another higher education institution | The share of teachers with PhD from another higher education institution | The number of teachers with PhD from another higher education institution/the total number of teachers | Expresses the share of teachers with a PhD from another higher education institution | The value should increase |  | UIS (control through the Personnel Department and faculties) |


| B | The share of teachers with more than 1 year of experience at a foreign higher education institution | The share of teachers with more than 1 year of experience at a foreign higher education institution | The share of teachers with more than 1 year of experience at a foreign higher education institution/the total number of teachers | Expresses the share of teachers with more than 1 year of experience at a foreign higher education institution | The value should not decrease |  | UIS (control through the Personnel Department and faculties) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | The share of teachers sent for mobility abroad | The share of teachers sent for mobility abroad | The number of teachers sent for mobility abroad/the total number of teachers | Expresses the share of teachers sent to mobility abroad | The value should not decrease |  | UIS (check through an international department) |
| B | The share of teachers hired for mobility from abroad in the current year | The share of teachers admitted to mobility from abroad | The number of teachers recruited for mobility from abroad/the total number of teachers | Expresses the share of teachers accepted to mobility from abroad | The value should not decrease |  | UIS (check through an international department) |
| c | The share of third-degree education students in the total number of students | The share of the thirddegree students | (The total number of the $3^{\text {rd }}$ degree students in the full-time and external form) - ( the total number of the fulltime and external students in the $1^{\text {st }}, 2^{\text {nd }}$ and $3^{\text {rd }}$ degree in the monitored period)*100 | The percentage represents the share of the fulltime and external $3^{\text {rd }}$ grade students in the total number of the full-time and external students | The value should not decrease |  | UIS (control through the S\&R department) |
| c | The share of research in the Annual Working Fund (AWF) of higher education institution teachers | The share of research of the higher education institution teachers in RPF | The total volume of research hours of all teachers at the faculty/[The annual working time fund of a higher education institution teacher $=37.5^{*}(52-9)$ ] * recalculated number of the higher education institution teachers in the monitored period | Expresses the percentage that a higher education institution teacher at the faculty devotes from his/her time to the research activities | The value should not increase |  | Wage regulation |
| c | The level of involvement of second-degree students in the scientific-research projects | The share of $2^{\text {nd }}$ year students involved in scientific research | (The number of the $2^{\text {nd }}$-degree students involved in solving scientific research projects in the range of min. 50h per year)/( the total number of students in the $2^{\text {nd }}$ degree in the monitored period)*100 | The percentage expression represents the level of student involvement in the research activity | The value should have an increasing trend | The involvement of a $2^{\text {nd }}$ degree student is considered to be e.g. Student Scientific and Professional Activity, project study, or other research activity | The Science and Research Department and Vice-Deans for education??? |
| c | The number of publication outputs over the last 6 years in individual fields of study and output categories | The creative activity and habilitation and inauguration proceedings | The total number of publication outputs over the last 6 years in individual fields and output categories | The number of publications over the last 6 years | The value should increase |  | The library and Scientific and Pedagogical Characteristics (SPC) |
| c | The number of publication outputs registered in the WoS or Scopus databases over the past 6 years in individual fields of study and output categories | The share of creative activity at the international level | ```(The number of publication outputs registered in the WoS or Scopus databases over the past 6 years in individual fields and output categories/the total number of publication outputs over the past 6 years in individual fields and output categories)*100``` | The percentage expression represents the share of creative activity at the international level | The value should not decrease |  | The library and Scientific and Pedagogical Characteristics (SPC) |
| c | The number of doctoral study publication outputs registered in the WoS or Scopus databases over the past 6 years in individual fields of study and output categories | The share of creative activity in doctoral studies | (The number of doctoral study publication outputs registered in the WoS or Scopus databases over the past 6 years in individual fields and output categories/the total number of the publication outputs over the past 6 years in individual fields and output categories)*100 | The percentage expression represents the share of creative activity in doctoral studies | The value should not decrease |  | The library and UIS Doctoral Student Report |
| c | The number of responses to publication outputs over the last 6 years | The number of responses to publication outputs | The number of responses to the publication outputs over the past 6 years | The number of responses to the publication outputs over the past 6 years | The value should increase |  | The library and Scientific and Pedagogical Characteristics (SPC) |


| c | The number of responses to publication outputs that are registered in WoS or Scopus over the last 6 years | The share of responses at the international level | (The number of responses to the publication outputs that are registered in the WoS or Scopus over the last 6 years/the total number of responses to the publication outputs over the last 6 years)*100 | The percentage expression represents the share of responses at the international level | The value should not decrease | The library and Scientific and Pedagogical Characteristics (SPC) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| c | The number of publication outputs that are equivalent to the $1^{\text {st }}$ quartile, registered in the WoS or Scopus databases over the past 6 years in individual fields of study and output categories | The share of creative activity at a top international level | the are equivalent to the $1^{\text {st }}$ quartile registered in the WoS or Scopus databases over the last 6 years in individual fields and output categories/the total number of the publication outputs over the last 6 years in individual fields and output categories)*100 | The percentage expression represents a share of creative activity at a top international level | The value should not decrease | The library and Scientific and Pedagogical Characteristics (SPC) |
| c | The amount of support obtained from the domestic and foreign grant schemes and other competitive sources in the given field pursuant to the creative activity of the workplace | Amount of support received from domestic and foreign grants | The amount of support obtained from the domestic and foreign grant schemes and other competitive sources in the given field pursuant to the creative activity of the workplace | The amount of support obtained from the domestic and foreign grant schemes and other competitive sources in the given field pursuant to the creative activity of the workplace | The value should not decrease | The Science and Research Department |
| c | The number of doctoral students per supervisor | The average number of doctoral students per supervisor | The number of doctoral students/supervisor | The average number of doctoral students per supervisor | Maximum 5 | UIS (control through the S\&R Department) |
| c | The number of doctoral students in the field of habilitation and inauguration at the workplace | The average number of doctoral students in the field of habilitation and inauguration | The number of doctoral students in the field of habilitation and inauguration/the total number of doctoral students at the workplace | The number of doctoral students in the field of habilitation and inauguration at the workplace | The value should not decrease | UIS (control through the S\&R Department) |
| c | The number of supervisors in the field of habilitation and inauguration | The number of supervisors in the field of habilitation and inauguration | The number of supervisors in the field of habilitation and inauguration/the total number of supervisors at the workplace | The average number of supervisors in the field of habilitation and inauguration at the workplace | The value should not decrease | UIS (control through the S\&R Department) |
| c | The number of proposals approved by the Scientific Council for awarding the title of Senior Lecturer in the current year | The number of proposals approved by the Scientific Council for awarding the title of Senior Lecturer in the current year | The number of proposals approved by the Scientific Council for awarding the title of Senior Lecturer in the current year | The number of proposals approved by the Scientific Council for awarding the title of Senior Lecturer in the current year | The value should not decrease | The record from the Scientific Council of the relevant faculty, and the website |
| c | The number of proposals approved by the Scientific Council of the higher education institution for awarding the title of Professor in the current year | The number of proposals approved by the Scientific Council of the higher education institution for awarding the title of Professor in the current year | The number of proposals approved by the Scientific Council of the higher education institution for awarding the title of Senior Lecturer in the current year | The number of proposals approved by the Scientific Council of the higher education institution for awarding the title of Professor in the current year | The value should not decrease | The record from the higher education institution's Scientific Council, and the website |
| c | The share of halted habilitation and inauguration proceedings in the current year | The share of halted habilitation and inauguration proceedings in the current year | (The number of halted habilitation and inauguration proceedings in the current year/the total number of habilitation and inauguration proceedings in the current year)*100 | The share of halted habilitation and inauguration proceedings in the current year | The value should not decrease | The record from the Scientific Council <br> of the respective faculty and the Scientific Council of the higher <br> education institution, and the website |

