

Detailed criteria for programme assessment

General profile

Criterion 1. Structure of the study programme: concept of education, learning objectives and outcomes

Quality education standard 1.1

The concept of education and learning objectives: correspond to the strategy of the HEI; are covered by the discipline(-s) to which the degree programme is assigned; are related to research activity carried out by the institution in that discipline(-s); are geared towards the needs of social and economic stakeholders, and of the labour market in particular.

Quality education standard 1.2

Learning outcomes correspond to the concept of education and learning objectives and the discipline(-s) to which the degree programme is assigned, describe in an accurate, specific, realistic and verifiable manner knowledge, skills and social competences acquired by students, and correspond to the appropriate level of the Polish Qualifications Framework and the general profile.

Quality education standard 1.2a

In the case of degree programmes preparing for professions referred to in Article 68(1) of the act, learning outcomes include the full scope of general and specific learning outcomes stipulated in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 1.2b

Learning outcomes for degree programmes leading to the award of the qualification of *inżynier* or *magister inżynier* include the full scope of learning outcomes leading to the award of *inżynier* qualification featured in the second stage descriptors stipulated in regulations issued on the strength of Article 7(3) of the act of 22 December 2015 on Integrated Qualifications System (OJ of 2018 , item 2153 and 2245).

Criterion 2. Implementation of the study programme: programme contents, timetable for the implementation of the study programme, forms and organisation of classes, methods of education, student placements, organisation of the teaching and learning process

Quality education standard 2.1

Programme contents correspond to learning outcomes and take into account, in particular, the current state of knowledge and research methodology in the discipline(-s) to which the degree programme is assigned, as well as the results of research activities of the HEI in the discipline(-s).

Quality education standard 2.1a

In the case of degree programmes offering education for professions referred to in Article 68(1) of the act, programme contents include the full scope of programme contents included in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 2.2

The timetable for the implementation of the study programme; the forms and organisation of courses; the number of semesters; the number of hours of classes taught directly by academic teachers or other lecturers, and the estimated workload of students calculated based on the number of ECTS credits enable students to achieve all learning outcomes.

Quality education standard 2.2a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, the timetable for the implementation of the study programme; the forms and organisation of courses; the number of semesters; the number of hours of classes conducted with the direct participation of academic teachers or other lecturers, and the estimated workload of students calculated based on the number of ECTS credits comply with the rules and requirements contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 2.3

Teaching methods are student-centred, motivate students to actively participate in the teaching and learning process and enable students to achieve learning outcomes, and, in particular, allow for the preparation for conducting research or participation in research.

Quality education standard 2.4

If the study programme includes student placements, their programme, organisation and supervision over their implementation, the selection of placement venues and the environment, in which they take place, as well as infrastructure and competence of placement supervisors ensure that the internships are carried out correctly and that the students achieve learning outcomes, especially those related to the acquisition of research competences.

Quality education standard 2.4a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, student placement programme, organisation and supervision over their implementation, the selection of placement venues and the environment, in which they take place, as well as infrastructure and competence of placement supervisors comply with the rules and requirements contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 2.5

The organisation of the teaching process ensures effective use of time spent on teaching and learning and the verification and assessment of learning outcomes.

Quality education standard 2.5a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, the organisation of teaching and learning complies with the rules and requirements concerning the organisation of education contained in education standards

specified in the regulations issued on the strength of Article 68(3) of the act.

Criterion 3. Admission to studies, verification of learning outcomes achievement by students, giving credit for individual semesters and years and awarding diplomas

Quality education standard 3.1

Formally accepted and published, coherent and transparent conditions for the admission of candidates for studies, which allow for the selection of right candidates; rules for student progression, giving credit for individual semesters and years of studies, and for awarding diplomas; recognition of learning outcomes, periods of learning and qualifications obtained in higher education; and the validation of learning outcomes achieved as part of the learning process outside the system of higher education are applied.

Quality education standard 3.2

The system for learning outcomes verification enables the monitoring of students' progress and guarantees reliable assessment of the achievement of learning outcomes by the students. Verification and assessment methods used are student-centred, provide feedback on the achievement of learning outcomes, and motivate students to actively participate in teaching and learning. They also allow for the verification and assessment of all learning outcomes, including, in particular, preparation for conducting research or participation in research.

Quality education standard 3.2a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, the methods for learning outcomes verification comply with the rules and requirements concerning the organisation of education contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 3.3

Mid-term and examination papers, student projects, placement journals (provided student placements are included in the study programme), diploma theses, students' academic/artistic or other achievements related to the degree programme, as well as documented graduates' standing in the labour market or their further education confirm that they have achieved the learning outcomes.

Criterion 4. Competence, experience, qualifications and the number of staff providing education. Staff development and in-service training

Quality education standard 4.1

Competence and experience, qualifications and the number of academic teachers and other persons teaching classes to students ensure that the classes are conducted correctly and that the students achieve their learning outcomes.

Quality education standard 4.1a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, competence, experience and qualifications of academic teachers and other persons teaching classes to students comply with the rules and requirements contained in education standards specified in the regulations issued on the strength of Article 68(3) of

the act.

Quality education standard 4.2

Staffing policy ensures the selection of academic teachers and other persons teaching classes, which is based on transparent rules and allows for the proper staging of classes. It takes into account regular assessment of teaching staff carried out with the participation of students. The results of such assessment are used in in-service staff training. The staffing policy creates conditions that stimulate staff's continuing development.

Criterion 5. Education infrastructure and resources used in the implementation of the study programme and their improvement

Quality education standard 5.1

Teaching, research, library and IT infrastructure; technical equipment in classrooms and labs; teaching aids and resources; library, information, educational resources and laboratory test equipment, as well as infrastructure of other entities used for teaching classes are modern, allow for proper staging of classes and the achievement of learning outcomes by students. They also allow for the preparation for or participation in research and are adapted to the needs of people with disabilities in a way as to ensure their full participation in education and conducting research by them.

Quality education standard 5.1a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, teaching and research infrastructure of HEIs, as well as infrastructure of other entities used for teaching classes comply with the rules and requirements concerning the organisation of education contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 5.2

Teaching, research, library and IT infrastructure; technical equipment in classrooms and labs; teaching aids and resources; library, information, educational resources and laboratory test equipment are subject to regular inspections, in which students participate. The results of such inspections are taken into consideration in improvement measures.

Criterion 6. Cooperation with social and economic stakeholders on the development, implementation and improvement of the study programme and its impact on the development of the degree programme

Quality education standard 6.1

Cooperation with social and economic stakeholders, including employers, on the development, implementation and improvement of the study programme is ensured.

Quality education standard 6.2

Relations with social and economic stakeholders in relation to the study programme and their impact on the programme and its implementation are subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 7. Conditions for and methods of improving the internationalisation of education provided as part of the degree programme

Quality education standard 7.1

Conditions conducive for the internationalisation of education provided as part of the degree programme have been created in accordance with the adopted concept of education. Academic teachers are capable to teach and students are capable to learn in foreign languages; international mobility of students and academic teachers is supported; foreign language instruction is ensured, which results in a systematic improvement of internationalisation and in student and staff exchanges.

Quality education standard 7.2

The internationalisation of education is subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 8. Supporting learning, social, academic or professional development of students and their entry on the labour market. Development and improvement of such support

Quality education standard 8.1

Students are offered comprehensive support in their learning. Such support: takes different forms, depending on learning outcomes; takes into account the diverse needs of students; promotes academic, social and professional development of students by ensuring the availability of academic staff. The support includes providing assistance in learning; in the achievement of learning outcomes, and in preparing for or participating in research. It motivates students to achieve very good learning outcomes, and includes competent assistance in student matters provided by administration staff.

Quality education standard 8.2

Support provided to students in their learning is subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 9. Public access to information about the study programme, conditions for its implementation and achieved results

Quality education standard 9.1

Public access to information about: the study programme; the implementation of teaching and learning processes as part of the degree programme; awarded qualifications; admission requirements; opportunities for further education; the employability of graduates, which is up-to-date, comprehensive, comprehensible and consistent with the needs of different audiences, is provided.

Quality education standard 9.2

The scope and quality of information about the degree programme is subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 10. Quality assurance policy, designing, approving, monitoring, reviewing and improving the study programme

Quality education standard 10.1

The rules for designing, approving, and modifying the study programme have been formally adopted and applied. With a view of improving the quality of education, regular reviews of the study programme are conducted based on the results of analysis of reliable data and information and with the participation of internal stakeholders, including students, and external stakeholders.

Quality education standard 10.2

The quality of education provided as part of the degree programme is subject to regular external assessments of education quality, the results of which are made public and taken into consideration in quality improvement measures.

Practical profile

Criterion 1. Structure of the study programme: concept of education, learning objectives and outcomes

Quality education standard 1.1

The concept of education and learning objectives: correspond to the strategy of the HEI; are covered by the discipline(-s) to which the degree programme is assigned; take account of progress in the fields of professional/economic activity relevant to the degree programme; are geared towards the needs of social and economic stakeholders, and of the labour market in particular.

Quality education standard 1.2

Learning outcomes correspond to the concept of education and learning objectives and the discipline(-s) to which the degree programme is assigned, describe in an accurate, specific, realistic and verifiable manner knowledge, skills and social competences acquired by students, and correspond to the appropriate level of the Polish Qualifications Framework and the practical profile.

Quality education standard 1.2a

In the case of degree programmes preparing for professions referred to in Article 68(1) of the act learning outcomes include the full scope of general and specific learning outcomes stipulated in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 1.2b

Learning outcomes for the fields of study leading to the award of the qualification of *inżynier* or *magister inżynier* include the full scope of learning outcomes leading to the award of *inżynier* qualification featured in the second stage descriptors stipulated in regulations issued on the strength of Article 7(3) of the act of 22 December 2015 on Integrated Qualifications System (OJ of 2018 , item 2153 and 2245).

Criterion 2. Implementation of the study programme: programme contents, timetable for the implementation of the study programme, forms and organisation of classes, methods of education, student placements, organisation of the teaching and learning process

Quality education standard 2.1

Programme contents correspond to learning outcomes and take into account: current knowledge and its application in the discipline(-s) to which the degree programme is assigned; rules and standards; the current state of practice in the areas of professional/business activity and the labour market relevant to the degree programme.

Quality education standard 2.1a

In the case of degree programmes offering education for professions referred to in Article 68(1) of the act, programme contents include the full scope of programme contents included in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 2.2

The timetable for the implementation of the study programme; the forms and organisation of courses; the number of semesters; the number of hours of classes taught directly by academic teachers or other lecturers, and the estimated workload of students calculated based on the number of ECTS credits enable students to achieve all learning outcomes.

Quality education standard 2.2a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, the timetable for the implementation of the study programme; the forms and organisation of courses; the number of semesters; the number of hours of classes conducted with the direct participation of academic teachers or other lecturers, and the estimated workload of students calculated based on the number of ECTS credits comply with the rules and requirements contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 2.3

Teaching methods are student-centred, motivate students to actively participate in the teaching and learning process and enable students to achieve learning outcomes, and, in particular, allow for the preparation for practising the profession in the labour market in the areas typical for the degree programme.

Quality education standard 2.4

The programme, organisation and supervision over the implementation of student placements, the selection of placement venues and the environment, in which they take place, as well as infrastructure and competence of placement supervisors ensure that placements are carried out correctly and that students achieve learning outcomes, especially those related to initial practical training.

Quality education standard 2.4a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, student placement programme, organisation and supervision over their implementation, the selection of placement venues and the environment, in which they take place, as well as infrastructure and competence of placement supervisors comply with the rules and requirements contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 2.5

The organisation of the teaching process ensures effective use of time spent on teaching and learning and the verification and assessment of learning outcomes.

Quality education standard 2.5a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, the organisation of teaching and learning complies with the rules and requirements concerning the organisation of education contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Criterion 3. Admission to studies, verification of learning outcomes achievement by students, giving credit for individual semesters and years and awarding diplomas

Quality education standard 3.1

Formally accepted and published, coherent and transparent conditions for the admission of candidates for studies, which allow for the selection of right candidates; rules for student progression, giving credit for individual semesters and years of studies, and for awarding diplomas; recognition of learning outcomes, periods of learning and qualifications obtained in higher education; and the validation of learning outcomes achieved as part of the learning process outside the system of higher education are applied.

Quality education standard 3.2

The system for learning outcomes verification enables the monitoring of students' progress and guarantees reliable assessment of the achievement of learning outcomes by students. Verification and assessment methods used are student-centred, provide feedback on the achievement of learning outcomes, and motivate students to actively participate in teaching and learning. They also allow for the verification and assessment of all learning outcomes, including, in particular, the acquisition of practical skills and preparedness to conduct business activity in the labour market area corresponding to the degree programme.

Quality education standard 3.2a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act the methods for learning outcomes verification comply with the rules and requirements concerning the organisation of education contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 3.3

Mid-term and examination papers, student projects, placement journals, diploma theses, students' academic/artistic or other achievements related to the degree programme, as well as documented graduates' standing in the labour market or their further education confirm that they have achieved the learning outcomes.

Criterion 4. Competence, experience, qualifications and the number of staff providing education. Staff development and in-service training

Quality education standard 4.1

Competence and experience, qualifications and the number of academic teachers and other persons teaching classes to students ensure that the classes are conducted correctly and that the students achieve their learning outcomes.

Quality education standard 4.1a

In the case of fields of study offering education for professions referred to in Article 68(1) of the act, competence, experience and qualifications of academic teachers and other persons teaching classes to students comply with the rules and requirements contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 4.2

Staffing policy ensures the selection of academic teachers and other persons teaching classes, which is based on transparent rules and allows for the proper staging of classes. It takes into account regular assessment of teaching staff carried out with the participation of students. The results of such assessment are used in in-service staff training. The staffing policy creates conditions that stimulate staff's continuing development.

Criterion 5. Education infrastructure and resources used in the implementation of the study programme and their improvement

Quality education standard 5.1

Teaching, library and IT infrastructure; technical equipment in classrooms and labs; teaching aids and resources; library, information, educational resources and laboratory test equipment, as well as infrastructure of other entities used for teaching classes are modern, allow for proper staging of classes and the achievement of learning outcomes by students, including the acquisition of practical skills and preparedness to conduct business activity in the labour market area corresponding to the degree programme. They are also adapted to the need of the disabled and ensure their full participation in education.

Quality education standard 5.1a

In the case of degree programmes providing education for professions referred to in Article 68(1) of the act, teaching infrastructure of HEIs, as well as infrastructure of other entities used for teaching classes comply with the rules and requirements concerning the organisation of education contained in education standards specified in the regulations issued on the strength of Article 68(3) of the act.

Quality education standard 5.2

Teaching, library and IT infrastructure; technical equipment in classrooms and labs; teaching aids and resources; library, information and educational resources are subject to regular inspections carried out with the participation of students. The results of such inspections are taken into consideration in improvement measures.

Criterion 6. Cooperation with representatives of social and economic stakeholders on the development, implementation and improvement of the study programme and its impact on the development of the degree programme

Quality education standard 6.1

Cooperation with social and economic stakeholders, including the employers, on the development, implementation and improvement of the study programme is ensured.

Quality education standard 6.2

Relations with social and economic stakeholders in relation to the study programme and their impact on the programme and its implementation are subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 7. Conditions for and methods of improving the internationalisation of education provided as part of the degree programme

Quality education standard 7.1

Conditions conducive for the internationalisation of education provided as part of the degree programme are created in accordance with the adopted concept of education. Academic teachers are capable to teach and students are capable to learn in foreign languages; international mobility of students and academic teachers is supported; foreign language instruction is ensured, which results in a systematic improvement of internationalisation and in student and staff exchanges.

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The internationalisation of education is subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 8. Supporting learning, social, academic and professional development of students and their entry on the labour market. Development and improvement of such support

Quality education standard 8.1

Students are offered comprehensive support in their learning. Such support: takes different forms, depending on learning outcomes; takes into account the diverse needs of students; promotes social and professional development of students by ensuring the availability of academic staff. The support includes providing assistance in learning; in the achievement of learning outcomes, and in preparing for preparation for practising the profession in the labour market areas typical for the degree programme. It motivates students to achieve very good learning outcomes, and includes competent assistance in student matters provided by administration staff.

Quality education standard 8.2

Support provided to students in their learning is subject to regular reviews carried out with the participation of students. The results of reviews are taken into consideration in improvement measures.

Criterion 9. Public access to information about the study programme, conditions for its implementation and achieved results

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Public access to information about: the study programme; the implementation of teaching and learning processes as part of the degree programme; awarded qualifications; admission requirements; opportunities for further education; the employability of graduates, which is up-to-date, comprehensive, comprehensible and consistent with the needs of different audiences, is provided.

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The scope and quality of information about the degree programme is subject to regular reviews carried out with the participation of students. The results of reviews are taken into

consideration in improvement measures.

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The rules for designing, approving, and modifying the study programme have been formally adopted and applied. With a view of improving the quality of education, regular reviews of the study programme are conducted based on the results of analysis of reliable data and information and with the participation of internal stakeholders, including students, and external stakeholders.

Quality education standard 10.2

The quality of education provided as part of the degree programme is subject to regular external assessments of education quality, the results of which are made public and taken into consideration in quality improvement measures.