

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
ODESSA NATIONAL ACADEMY OF FOOD TECHNOLOGIES**

ADOPTED

at the meeting of the Academic
Council of ONAFT
on July 7, 2020
Protocol No. 19

ENACTED

by the order of the Rector of ONAFT
dated July 7, 2020, No. 231-01
"On enacting of the Regulations on
holding the International competition
of student scientific works "Black
Sea Science" organized by Odessa
National Academy of Food
Technologies (new edition)"

REGULATIONS

**on holding the International competition of student scientific works
"Black Sea Science" organized by
Odessa National Academy of Food Technologies
(new edition)**

I. General provisions

1.1. The Regulations on holding the International competition of student scientific works "Black Sea Science" by Odessa National Academy of Food Technologies are developed in accordance with the Law of Ukraine "On higher education", the Regulations on the All-Ukrainian competition of student scientific works in the fields of knowledge and specialties, approved by the order of the Ministry of Education and Science of Ukraine dated April 18, 2017, No. 605 and other normative and legal acts regulating the organization of student research.

1.2. International competition of student scientific works "Black Sea Science" (hereinafter "Competition") is held with the aim of expanding international relations, promoting the scientific work of students as an important factor in the formation of specialists, involving the students in research programs, design and other forms of research activities.

1.3. The competition is supported by the Black Sea Universities Network (hereinafter "BSUN"), the Association of higher education institutions (hereinafter "HEI") of the Black Sea Region and European Integrating Food Science and Engineering Knowledge into the Food Chain Association (ISEKI-Food Association). Odessa National Academy of Food Technologies (hereinafter "ONAFT") is their member.

1.4. ONAFT is the organizer of the Competition.

The co-organizers of the Competition are:

- Belarus State Economic University (Belarus);
- Sukhoi State Technical University of Gomel (Belarus);
- “Angel Kanchev” University of Ruse (Bulgaria);
- University of Food Technologies (Plovdiv, Bulgaria);
- Almaty Technological University (Kazakhstan);
- Ningbo Institute of Technology, Zhejiang University (China);
- Technical University of Moldova (Moldova);
- University of Applied Sciences and Arts (Muttentz, Switzerland);
- Ariel University (Israel);
- Iakob Gogebashvili Telavi State University (Georgia);
- Poznan University of Life Sciences (Poland).

1.5. Competition is held annually. The list of co-organizers and fields of the Competition can be updated every year.

1.6. The students of every HEI regardless of the form of ownership and subordination can participate in the Competition, if they are enrolled in a bachelor or master course when the second stage of the Competition is finished.

1.7. The Competition is held in ONAFT in the following fields:

- Food science and technologies;
- Economics and administration;
- Information technologies, automation and robotics;
- Power engineering and energy efficiency;
- Ecology and environmental protection.

1.9. There can be no more than three authors and two advisors per work.

1.10. The members of the Organizing Committee and the members of the Jury cannot be the scientific advisors for the works submitted for the Competition.

1.11. During the Competition, the processing of personal data is performed according to requirements of the Ukrainian law "On protection of personal data" dated June 1, 2010, No. 2297-VI (with changes).

II. The Competition leadership

2.1. Organization and execution of the Competition is provided by the Organizing Committee consisting of the Competition organizers (co-organizers), representatives of other HEI, scientific establishments, enterprises, public associations (according to agreement). The Organizing Committee's functions include:

- networking with organizations that hold the Competition in other countries, providing them with the necessary methodological assistance;
- developing the forms of certificates for the winners and participants of the Competition;
- determining the place of awarding the Competition winners;
- covering the outcome of the Competition in media.

2.2. The Jury for each field is created in ONAFT in order to consider and evaluate the submitted works. Their number and composition is approved by the order of the Rector.

2.3. The Jury consists of scientific and teaching staff members of ONAFT, Competition's co-organizers, other HEI, scientific establishments, representatives of enterprises, public associations (upon agreement). The head and the secretary of the Jury are selected from the Jury members.

III. Requirements for research papers

3.1. The student scientific works must be submitted to the Competition for the first time, independently prepared, and without plagiarism. Preferentially, they should be innovative or investigative by nature within a certain field.

3.2. The role of the scientific advisor is of a purely consultative nature.

3.3. The languages of the Competition are English and Ukrainian.

3.4. The work and information about the author(s) and scientific advisor(s) should be submitted in English.

3.5. Work submission requirements are presented in Addendum 1.

3.6. Information about the author(s) and the scientific advisor(s) (Addendum 2) should be signed, scanned, and sent as a separate document.

3.7. The work is sent personally by the main author after registration at the Competition website (<http://isc.onaft.edu.ua/>).

3.8. If the work does not meet the requirements of this section, the author is given five days for further editing. If the work does not meet the requirements after editing, it is not accepted and is not allowed to participate in the Competition. The Jury excludes this work from the Competition and notifies the main author within ten days.

Each work that meets the requirements of this section receives a code, which is reported to the email address from which the work was sent.

3.9. To ensure the objectivity and anonymity, the names and initials of the author(s) and advisor(s), as well as the name of the HEI will be given to the Jury after the first stage of the Competition is held.

IV. The procedure of Competition and review of scientific works

4.1. The Competition is held in two stages:

- The first stage is reviewing the works;
- The second stage is the final online web-seminar.

4.2. The Jury from each field shall appoint at least two reviewers per each work.

4.3. During the review of the scientific works, the following factors are taken into account:

- whether the topic of the work corresponds to the chosen field of the Competition;
- the relevance of the problem;
- the degree of novelty and originality of the underlying ideas, the usage of modern research methods;
- completeness and quality of presentation of the main results;
- theoretical significance of the work;
- practical significance of the work;
- the quality of design.

4.4. The Jury of each field (with at least 2/3 of its members present) determines the winners of the first stage of the Competition by a majority of votes (50% + 1 vote) based on the reviews and open discussions of scientific papers. If the numbers of votes are equal, the vote of the head of Jury is decisive. A protocol of the first stage of the Competition with the results of voting (Addendum 3) and a statistic summary (Addendum 4) must be signed by the head and secretary of the Jury.

4.5. The Organizing Committee reviews the results of the votes in every field of the Competition and holds an open vote regarding the approval of the protocols of the first stage and the start of the second stage of the Competition.

4.6. The Organizing Committee will send the invitations to participate in the second stage of the Competition to the winners (no later than two weeks prior to the web-seminar). In the second stage of the Competition, the winners present their work, comment on the presentation, and answer the questions.

Presentation requirements:

- Presentation must be made in PowerPoint;
- Illustrative material from the work (drawings, diagrams, photographs, graphic images) is presented in the presentation:
- The size of the presentation is up to 20 slides.

4.7. The Jury of each field evaluates the presentation and report of the participant and decides on the winners and their distribution. A protocol of the Competition (Addendum 5) and a statistic summary (Addendum 6) must be signed by the head and secretary of the Jury.

4.8. Documentation for the Competition must be kept for three years in the archive of ONAFT.

V. Awarding the winners of the Competition

5.1. The winners of the Competition are awarded with I-III degree certificates in each field. Other participants receive participation certificates. Advisors and Jury members receive certificates of acknowledgement.

Award distribution:

- The winners are 25% of the reviewed works in each field;
- Distribution by degrees: 20% receive certificates of the I degree, 30% receive certificates of the II degree, 50% receive certificates of the III degree;
- Winners are rated by the sum of their score in the first and second stage of the Competition.

5.3. The Competition co-organizers can award the winners and their advisors with the e-book of Competition proceedings if they agree to be published in it and the recommendations for publishing their work in the periodicals of ONAFT.

5.4. The results of the Competition are posted on the official website (<http://isc.onaft.edu.ua/>) after the meeting of the Organizing Committee approving the decisions of the Jury.

VI. The Appeal Committee. Presentation and consideration of appeals

6.1. To ensure the unbiased implementation of the Competition, the Appeal

Committee is created in ONAFT, the size and composition of which is approved by the order of the Rector. The Appeal Committee consists of the scientific and teaching staff of ONAFT, Competition co-organizers, other HEI, scientific establishments, representatives of enterprises, public associations, etc.

6.2. Within ten days after the announcement of the results, the participants may submit (email: int_competition@onaft.edu.ua) a statement on the bias regarding in the evaluation of their scientific work by the Jury to the Appeal Committee.

6.3. Within three working days from the date of receiving the application, the Appeal Committee makes a decision, which is recorded in the meeting protocol (Addendum 7), and sends it to the applicant's email.

Addendum 1
to Regulations on holding the
International competition of
student scientific works “Black
Sea Science” organized by
Odessa National Academy of
Food Technologies (new edition)

WORK REQUIREMENTS

The work must be in English. Its length must be up to 15 pages (page size is A4, margins are 20 mm each).

The text must be typed in Times New Roman, font size 14, with the 1.0 line spacing. The text in tables and list of references must be typed in Times New Roman, font size 12, with the 1.0 line spacing. Work title must be typed in bold capital letters. Titles of sections and subsections must be typed in bold with a single interval.

The work must follow the template:

TITLE

Author(-s): First name Last name

Advisor(-s): First name Last name
University (Country)

***Abstract.** Summary of the work must have no more than 1500 characters. Text must be typed in italics with a single interval after the name of the university.*

***Keywords:** up to 10 keywords. Text must be typed in italics.*

I. INTRODUCTION

Text...

II. LITERATURE ANALYSIS

This section can be split into several subsections (if necessary). Titles of subsections must be typed in bold. The subsections must be numbered consecutively within the section. Subsection text must be typed after a single interval.

References are placed in square brackets in the order of mention in the text, e.g. [1], [2–7].

2.1. Subsection title

Text...

2.2. Subsection title

Text...

III. OBJECT, SUBJECT, AND METHODS OF RESEARCH

Text...

IV. RESULTS

This section can be split into several subsections (if necessary). Tables and figures must be referenced in the text and formatted as follows:

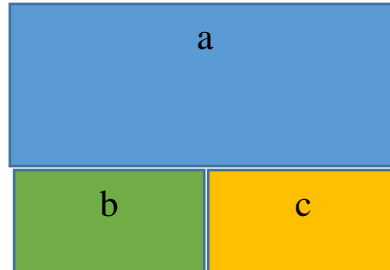


Fig. 1. Title of the figure...:

a – first subfigure, b – second subfigure, c – third subfigure

Table 1. Title of the table...

Header A	Header 1	Header 2	Header 3
Header B	Data	Data	Data
Header C	Data	Data	Data

V. CONCLUSIONS

Text...

VI. REFERENCES

1. Source 1
2. Source 2
3. Source 3

Sources must be cited in the standard APA style:

<https://apastyle.apa.org/style-grammar-guidelines/references/examples>

Addendum 2
to Regulations on holding the
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INFORMATION
about the author(s) and scientific advisor(s) of the scientific work

Work title _____

Field (chosen from available fields of the Competition) _____

Author(s)

- | | |
|----------------------|-----------------|
| 1. Prefix | Mr. / Ms. _____ |
| 2. First name | _____ |
| 3. Last name | _____ |
| 4. Full name of HEI | _____ |
| 5. Address of HEI | _____ |
| 6. Department (full) | _____ |
| 7. Study program | _____ |
| 8. Study year | _____ |
| 9. Phone | _____ |
| 10. E-mail | _____ |

Scientific advisor(s)

- | | |
|-----------------------|-------------------------------|
| 11. Prefix / Title | Prof. / Dr. / Mr. / Ms. _____ |
| 12. First name | _____ |
| 13. Last name | _____ |
| 14. Department (full) | _____ |
| 15. Job | _____ |
| 16. Degree | _____ |
| 17. Academic status | _____ |
| 18. Phone | _____ |
| 19. E-mail | _____ |

20. Author(s) and advisor(s) agree to have their work published in the proceedings of the Competition (choose “YES” or “NO”, marking the appropriate square with “+”)

YES NO

Advisor(s)

(signature)

(First name LAST NAME)

Author(s)

(signature)

(First name LAST NAME)

Addendum 3
to Regulations on holding the
International competition of
student scientific works “Black
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MEETING PROTOCOL
**of the Jury of the first stage of the International competition of student
scientific works “Black Sea Science”**

(field)

dated _____

The review of ____ student research papers received from ____ higher educational institutions has been provided.

Based on the open discussion of the scientific works, the author(s) of the following works have been chosen as participants of the second stage of the competition:

(work code)

Head of the Jury

(signature)

(First name LAST NAME)

Secretary of the Jury

(signature)

(First name LAST NAME)

Addendum 4
to Regulations on holding the
International competition of
student scientific works “Black
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STATISTIC SUMMARY
of the first stage of the International competition of student scientific works
“Black Sea Science”

(field)

_____ scientific works (_____ students, authors, _____ advisors) from _____ higher educational institutions from _____ countries have been submitted to the first stage of the International competition of student scientific works “Black Sea Science” in 20 __/20 __ academic year.

Country	HEI	Work code	Author(s)	Advisor(s)	Work title	Score
1	2	3	4	5	6	7

Head of the Jury

(signature)

(First name LAST NAME)

Secretary of the Jury

(signature)

(First name LAST NAME)

Addendum 5
to Regulations on holding the
International competition of
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MEETING PROTOCOL
**of the Jury of the second stage of the International competition of student
scientific works “Black Sea Science”**

(field)

dated _____

Based on the open discussion of the scientific works, the works have been rated as follows:

Certificate I degree, II degree, III degree	Work code Work code Work code
--	-------------------------------------

Head of the Jury

(signature)

(First name LAST NAME)

Secretary of the Jury

(signature)

(First name LAST NAME)

Addendum 4
to Regulations on holding the
International competition of
student scientific works “Black
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STATISTIC SUMMARY
of the second stage of the International competition of student scientific works
“Black Sea Science”

(field)

_____ scientific works (_____ students, authors, _____ advisors) from _____ higher educational institutions from _____ countries have participated in the second stage of the International competition of student scientific works “Black Sea Science” in 20 __/20 __ academic year.

Place	Country	HEI	Work code	Author(s)	Advisor(s)	Work title	1 st sage score	2 nd stage score	Total score
1	2	3	4	5	6	7	8	9	10

Head of the Jury

(signature)

(First name LAST NAME)

Secretary of the Jury

(signature)

(First name LAST NAME)

Addendum 7
to Regulations on holding the
International competition of
student scientific works “Black
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**MEETING PROTOCOL
of the Appeal Committee
of the International competition of student scientific works
“Black Sea Science”
dated _____**

The Appeal Committee has reviewed the scientific work of the author(s)
_____ and decided that the author(s)

(first and last name)

(first and last name, is a candidate(s), isn't a candidate(s))

to be awarded with a _____ degree certificate.

Head of Appeal Committee

(signature)

(First name LAST NAME)

Members of Appeal Committee

(signature)

(First name LAST NAME)