As a consequence of the State of Health Emergency due to the COVID-19 global pandemic and as instructed in the document "General Orientations for information gathering and documental registry of teaching adaptations and contingency plans derived from COVID-19 pandemic", issued by the Accreditation and Evaluation Director of the Andalusian Agency for Knowledge (DEVA-AAC), it is required that second semester and yearlong courses (2019-2020) are adapted to distance-learning mode.

#### **COURSE DETAILS**

Title (of the course): INGENIERÍA GENÉTICA Code: 100433 Degree/Master: **GRADO DE BIOLOGÍA** Character: Optativa ECTS Credits: 6.0 Online platform: http://moodle.uco.es/moodlemap/

Year: 4

Duration: Second term

#### **COORDINATOR INFORMATION**

Name: PIETRO, ANTONIO C. DI Area: GENÉTICA Department: GENÉTICA E-mail: ge2dipia@uco.es Office location: Edificio C5, 1st floor

Phone: 957218981

#### THEORY AND PRACTICAL CONTENTS ADAPTATION

All Theoretical and Practical contents are maintained. The laboratory practical course is cancelled.

# TEACHING METHODOLOGY ADAPTATION, INCLUDING TRAINING ACTIVITIES AND TOOLS FOR DISTANCE-TEACHING IMPLEMENTATION

#### General clarifications on the methodology:

The course is virtualized in the platform Moodle of the University of Córdoba. The general and specific clarifications on the methodological adaptation to distance learning are published in the virtual classroom of the University of Córdoba.

The lecture classes with the explanatory notes are available in Moodle. The problem-solving classes, as well as the seminars on scientific articles and the experimental design presentations are held by synchroneous videoconferences with the Zoom software.



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The laboratory practical course will be replaced by a problem-solving class.

	Distance teaching activities	
Large group	Lecture class with text notes in powerpoint	
Medium group	Problem-solving class by videoconference; Seminars and experimental design presentations by videoconference	
Small group		
Tutoring	Email, Forum on Moodle and videoconference	

#### **EVALUATION ADAPTATION**

This adaptation must be coincident with that published in the Degree/Master webpage as well as in the online Moodle platform of the course.

Instrument for evaluation	Moodle Tool	Percentage
Exam	Questionnaire	50%
Oral Presentation	Videoconference	20%
Execution of real and/or simulated tasks	Videoconference	15%
Problem-solving	Videoconference	15%
Total (100%)		100 %

#### General clarifications on instruments for evaluation:

**Exam – objetive test:** A questionnaire of the type assay will be conducted in Moodle, where students are to answer questions by introducing text in the available space and/or draw diagrams or maps that will be attached to the reply.

For this evaluation method the official calls will be maintained (first and second ordinary).

**Problem-solving:** During the semester a series of weekly problem sets are performed, which are to be uploaded in the platform Moodle. As an evaluation tool, the problem-solving class by videoconference is used, where each problem is solved by a student. This is part of the continuous evaluation.



**Oral seminar presentation.** Groups of two to three students prepare a seminar of 15 minutes in powerpoint format on a scientific article. As an evaluation tool, the presentation by videoconference is used. This is part of the continuous evaluation.

**Oral presentation of real and/or simulated tasks.** Groups of two to three students prepare a presentation of 10 minutes in powerpoint format on an experimental design. As an evaluation tool, the presentation by videoconference is used. This is part of the continuous evaluation.

The final grade of the course is calculated according to the following formula:

Final grade = 0.50·grade examen final + 0,15·grade Proble-solving + 0,20·grade Seminar + 0,15 grade real and/or simulated tasks.

According to the agreement made by the "Consejo de Gobierno" of UCO aprproved on 14th of Abril 2020, no minimal grade will be required in any of the evaluation methods in order to pass the course.

#### GRADE OF NOT PRESENTED.

The grade of "Not presented" will correspond to the student who has not taken part in a number of evaluable activities whose weights on the final grade amount to more than 50% (Art. 80.4 of the Regulations for the Academic Regime of Degree Studies).

For the student who has participated in assessment activities other than the final exam whose accumulated weight on the final grade exceeds 50% and has not attended the final exam of the subject, the teacher will record "Not presented" in the provisional publication of the ratings.

If during the review process, the student does not express his disagreement with that grade, it will be consolidated into the final grade for the course. Otherwise, you must notify the teacher and the final grade would be the weighted sum of the scores achieved in all the assessment methods to which you have attended according to the criteria established in this addendum.

#### **RESOURCES AND INFRASTRUCTURE**

Those provided by the Vicerectorate for Digital University and Strategic Planning (<u>https://www.gestion.uco.es/continuidad/</u>).

#### **ADDITIONAL INFORMATION**

NOT APPLICABLE

#### **BIBLIOGRAPHY ADAPTATION. NEW RECOMMENDED ONLINE RESOURCES**

NOT APPLICABLE



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The methodological strategies and the evaluation system contemplated in this Course Description will be adapted according to the needs presented by students with disabilities and special educational needs in the cases that are required.



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