

# Addendum to the Course Information Year 2021-2022

Possible adaptations due to COVID 19:

- **Scenario A:** Face-to-face reduced schedule
- **Scenario B:** Face-to-face suspended schedule

## Bachelor in Industrial Chemical Engineering

### General Information of the course

**Name:** Polymer Technology

**Code:** 606210301

**Year:** 4

**Semester:** 1

### Course Information

<http://www.uhu.es/etsi/estudiantes-2/incoming-students/>

## SCENARIO A

### Syllabus adaptation

It is not considered necessary to adapt the syllabus.

### Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Problem solving sessions	Face-to-face
Sessions in laboratory or computer classroom	Face-to-face
Academically directed teaching activities	Online

\* Face-to-face/Online

### Description of teaching methodologies used for each training activity

**-Theoretical sessions:** The participative master classes will be carried out by video-conference using Zoom. The sessions will be held at the time established in the course timetable for face-to-face teaching. The videoconferences will be supported by PowerPoint presentations. Through this system, students can actively participate in the session. All materials needed for this course are presented online in Moodle.

**-Problem solving sessions.** Some problem solving sessions will be done through Zoom. The objective is to raise and discuss, collectively, the different possible solutions to a set of proposed exercises. Students will be motivated to solve a series of complementary exercises that will be available on the Moodle platform.

## Description of teaching methodologies used for each training activity (continued)

**-Sessions in laboratory:** the students will take measurements and perform experiments which illustrate the basic concepts explained in the classroom and a visit to a polymer manufacturing and processing industry.

**-Academically directed teaching activities:** topics covered in lessons will be reviewed synchronous and asynchronous through exercises, seminars, tutorials, text analysis, oral presentations of project work, and individual tests using Moodle, Zoom, apps (Kahoot, Socrative, etc.). Students will receive professor guidance.

## Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Oral presentation	Synchronous	40%
Active participation. Class Continuous Assessment	Synchronous	20%
Presentation of works and written reports	Asynchronous	40%

\* Face-to-face/ Synchronous/ Asynchronous

## Description of evaluation system

-Oral presentation (40%).

-Active participation. Class Continuous Assessment (20%).

-Presentation of works and written reports (40%)

Description of evaluation system (continued)

Empty box for description of evaluation system.

Adaptation of evaluation system (final assessment)

Sistema de Evaluación	Formato*	Porcentaje
Written Exam	Face-to-face	100%

\* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

-Writing Exam (100%).

Empty box for description of evaluation system.

## SCENARIO B

### Syllabus adaptation

It is not considered necessary to adapt the syllabus.

### Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Problem solving sessions	Online
Academically directed teaching activities	Online
Sessions in laboratory or computer classroom	Online

\* In scenario B, all the training activities will be carried out *Online*

### Description of teaching methodologies used for each training activity

**-Theoretical sessions:** The participative master classes will be carried out by video-conference using Zoom. The sessions will be held at the time established in the course timetable for face-to-face teaching. The videoconferences will be supported by PowerPoint presentations. Through this system, students can actively participate in the session. All materials needed for this course are presented online in Moodle.

**-Problem solving sessions.** Problem solving sessions will be done through Zoom. The objective is to raise and discuss, collectively, the different possible solutions to a set of proposed exercises. Students will be motivated to solve a series of complementary exercises that will be available on the Moodle platform.

**-Academically directed teaching activities:** topics covered in lessons will be reviewed synchronous and asynchronous through exercises, seminars, tutorials, text analysis, oral presentations of project work, and individual tests using Moodle, Zoom, apps (Kahoot, Socrative, etc.). Students will receive professor guidance.

**-Sessions in laboratory:** the practical sessions will be replaced by filmed sessions showing the use of the equipment by the professor. In addition, data will be provided for analysis (rheological, thermogravimetric analysis, etc.) and treatment by means of calculation sheets.

Evaluation system	Type*	Percentage
Oral presentation by videoconference	Online	40%
Documents works (individual or in group)	Online	40%
Active participation. Class Continuous Assessment	Online	20%

\* In scenario B, all the evaluation systems will be carried out *Online*

### Description of evaluation system

- Oral presentation by videoconference (40%)
- Documents works (individual or in group) (40%)
- Active participation. Class Continuous Assessment (20%).

Evaluation system	Type*	Percentage
Open answer written test	Online	100%

\* In scenario B, all the evaluation systems will be carried out *Online*

### Description of evaluation system

-Open answer written test (100%).