SPECIFIC ACADEMIC AGREEMENT FOR ESTABLISHING DOUBLE MASTER'S DEGREE SIGNED BY UNIVERSIDAD DE SEVILLA AND MANAGEMENT CENTER INNSBRUCK

In the city of Helsinki, on June 6, 2022.

Rector of Universidad de Sevilla, Spain, henceforth US, **Mr. MIGUEL ÁNGEL CASTRO ARROYO,** appointed by virtue of Junta de Andalucía Decree 198/2020 of December 1st, of the Junta Andalucía, being the University's legal representative, according to Art. 20 of the Organic Law of Universities 6/2001 of 21st December, and Art. 19of the Statute of Universidad de Sevilla, approved by Decree 324/2003 of 25th November, modified by Decree 55/2017 of 11th April, and with registered office in Calle San Fernando, 4, 41004-Sevilla and,

Rector of the Management Center Innsbruck (Austria), henceforth MCI, **Mr. ANDREAS ALTMANN,** Rector & Executive Director according to § 2 Fachhochschul-Studiengesetz (BGBl. I Nr. 93/2021) and § 15 GmbH-Gesetz (BGBl. I Nr. 86/2021), with registered office in Universitaetsstr. 15, 6020 Innsbruck, Austria, hereinafter, jointly or individually, referred to as "Institutions" or "Institution"

Aware of the importance of developing a wide range of double and multiple Ulysseus Bachelor and Master's Degrees, the signatory Institutions declare that they possess the right to teach programmes leading to official university qualifications according to their respective national laws and they agree to establish and implant a programme in order to award double and multiple qualifications according to the following stipulations:

Article 1. Objective of the Specific Academic Agreement

This Specific Academic Agreement is signed by the Ulysseus Institutions USE and MCI in order to offer selected students from these Institutions the opportunity to participate in the **Ulysseus Double Master Degree Program on Food Technology, Industry and Nutrition** involving the *Master of Science in Engineering* ("Food Technology and Nutrition" programme) awarded by the Management Center Innsbruck and the "*Máster Universitario en Tecnología e Industria Alimentaria*" (*Master in Food Technology and Industry*) awarded by the University of Sevilla.

All of the Ulysseus Institutions involved undertake to recognise successfully and consecutively completed studies of Ulysseus students[1] accepted in a Ulysseus double master degree in the corresponding host Institutions[2].

Article 2.- Student entry requirements and degree awarding

Double Qualifications:

USE will send[3] those students who fulfil the requirements established in Schedule I to this Specific Academic Agreement to MCI.
Reciprocally, MCI will send those students who fulfil the requirements established in Schedule I to this Specific Academic Agreement to USE.

When the above students have fulfilled all the requirements of both programmes, they will be awarded a University Master's Degree from USE and a University Master's Degree from MCI.

If a student does not finish the double degree program and is not eligible for a degree at the host institution, the home institutions may accredit and transfer all passed courses to the respective study program. In that case the student takes the role of a regular exchange student in retrospective.

According to each country's own legislation, each Institution must supplementarily indicate that its qualification was taught within the framework of a double or multiple qualification undertaken by the corresponding Ulysseus Institutions.

Article 3.- Places Available

The double qualification Specific Academic Agreement will facilitate an exchange between the Institutions of a maximum of three students per Institution, per academic year. All of the participating Institutions will, within a reasonable timeframe of three academic years, pursue that the number of students exchanged will be in balance.

Article 4.- Selecting Programme Participants

Each Institution will be responsible for selecting its own candidates for a double degree according to the criteria and procedures established in Schedule I to this

[1] Within the context of this Framework Agreement, a Ulysseus student is a student enrolled in a bachelor or master degree in a Ulysseus partner University, which is considered as his/her home Institution.
[2] Host Institution means the university where the student is temporarily enrolled as a double degree student, usually under an exchange basis.
3 In case of 100 % online programs, students can complete the studies required by the host institution via e-learning facilities.

Specific Academic Agreement. The final admission of students must count on the approval of the host Institution.

Article 5.- Tuition Fees and Other Expenses

If applicable, students will pay tuition fees in their home Institutions only. Issuing qualification certificates will be subject to the fees payable in each Institution.

Transport, medical insurance, living expenses and any other expenses that arise during the exchange period established in the study programme will be borne by the student.
The student must have valid medical insurance to ensure medical assistance in the host country. This insurance must cover medical and clinical assistance, accidental death and disability, repatriation for whatever motive and reimbursement of medical expenses due to accident.

Ulysseus students with nationalities outside the EU may be required to obtain a residence permit for the duration of the studies in the host Institution, following the instructions and regulations of the host country. The student is responsible for applying for the residence permit and covering all costs arising from this process.

All expenses arising from the stay will be borne by the student. However, each Institution undertakes to assist in finding suitable accommodation. Each Institution also undertakes to provide all of the information necessary for the incoming student to integrate into the host city's Institution, cultural life, and its social and economic context.

Furthermore, each Institution undertakes to provide the student with diverse information concerning the host country and Institution, regarding, for example, compulsory medical insurance, safety, residence permit and registration in the immigration office (if applicable), accommodation, and other practical arrangements. It will, moreover, place all the services available to home students at the disposal of incoming students. As much as possible, this complementary information will be included in the Schedule I to this Specific Academic Agreement.

Double degree students are encouraged to participate in those mobility grant calls that are compatible with the programme, be they local, national, or international calls.

Article 6.- Length of the Stay[4]

Students participating in the exchange programme must complete two semesters in the host Institution.

[4] The "length of the stay" refers to the length of the "on campus stay in the host Institution" (physical mobility period) and/or or the "length of the online studies at the host Institution" (virtual mobility, from the home Institution)

The period of study at the host Institution and its organisation will take into account the teaching and academic calendar of each Institution. The Programme Academic Coordinators of the double degree must inform incoming students of the teaching timetable of the subjects they must study during their stay in the host Institution.

Article 7.- Programme Structure

Schedule I of this Specific Academic Agreement will include a programme which will detail the selection conditions and criteria, the basic contents, the programme's academic structure, mobilities and the mutual recognition of the studies completed in the partner Institution.

Executing the programme, awarding the qualification, and the rights and obligations of the students will be subject to the respective national legal and Institutional frameworks of the host Institution.

The languages in which this double or multiple qualification programme will be taught in each institution are:

Institution	Teaching Language/s	Minimum CEFR level required
USE	Spanish and/or English	B2
MCI	German and/ or English	English: C1 German: C2

The minimum language skills will be accredited according to the official procedures established to this effect in each Institution.

When evaluating each subject, each Institution will apply their own qualifications system in accordance with their national or Institutional regulations. When available, official grade conversion tables will be included in Schedule I to this Specific Academic Agreement.

Students who do not obtain the number of credits stipulated during their stay in the host Institution can, with prior authorisation from the Programme Academic Coordinators of this Specific Academic Agreement from the Institutions involved, extend the period for a further academic year.

Students from a partner Institution who complete a study period in a host Institution within the framework of this Specific Academic Agreement are subject to the same rules and regulations regarding social and academic behaviour as those applicable to local students.

Article 8.- Programme Academic Coordinators and other contact persons

Each Institution will appoint a Programme Academic Coordinator and will designate the office responsible for administering the double qualification's academic and/or mobility-related aspects.

University	USE
Academic Coordinator	Manuela Ruiz (Master coordinator); Ana M. Beltrán (Deputy head for Internationalization of Higher Polytechnic School)
Post	Calle Virgen de África 7, 41011 Seville, SPAIN
Centre	Escuela Politécnica Superior
Address	Calle Virgen de África 7, 41011 Seville, SPAIN
Tel.	(0034) 34954550131
Email	manuela@us.es (M. Ruiz); dirprac@us.es (A.M. Beltrán)
Academic and/or Mobility Office	Centro internacional Área de Relaciones Internacionales
Contact	Rosario López (Technical Director of International Relations)/ Elena Martin (Responsible for Outgoing student's Office), Carlos Ordoño (Responsible for Incoming Student's Office)
Address	Avenida Ciudad Jardín 20-22 Universidad de Sevilla E- Sevilla 41005
Tel.	(0034) 34954551051
Email	relint1@us.es (Rosario López)/relint4@us.es (Elena Martín), relint3@us.es (Carlos Ordoño)

University	MCI
Academic Coordinator	Prof. Dr. Katrin Bach (Head of Department)
Post	Universitaetsstr. 15, 6020 Innsbruck, AUSTRIA
Centre	Department of Food Technology and Nutrition
Address	Universitaetsstr. 15, 6020 Innsbruck, AUSTRIA
Tel.	+43 512 2070 1610
Email	katrin.bach@mci.edu
Academic and/or Mobility Office	International Relations Office
Contact	Dr. Susanne Lichtmannegger; Daniel D'Assisi (Exchange Coordinator)
Address	Universitaetsstr. 15, 6020 Innsbruck, AUSTRIA

Tel.	+43 512 2070 1610
Email	susanne.lichtmannegger@mci.edu (S.L.); daniel.dassisi@mci.edu (D.D'A);

Article 9.- Monitoring the Double/multiple Degree

The Programme Academic Coordinators and/or a joint quality assurance board will be responsible for monitoring the progress of the double degree and propose changes in the day-a-day coordination or to Schedule I, if necessary. They will meet at least once a year in order to produce a report on results.

This report must include, at least:
- Number of participants per Institution
- A review of the effectiveness on the teaching programmes
- A review of the academic results obtained by students
- Proposals for additional actions, should this be the case

Additional indicators can be included in the agreement with the Ulysseus proposal and the development of the Ulysseus RADAR Observatory.

The annual report will be submitted to each of the Centres responsible for the master which participate in the double degree programme, as well as the Office or Vice-Rectorate responsible for International Relations.

Article 10.- Personal Data Protection

To these effects, the signatory Institutions undertake to apply the principles, guarantees and technical and organisational means provided in the EU General Data Protection Regulation (2016/679) or the national and own regulations for the correct protection of the rights and freedoms of individuals in the treatment of the personal data to be treated in the execution of this Specific Academic Agreement. Information about these regulations will be included in Schedule I to this Specific Academic Agreement.

The Institutions will keep confidential all of the information that they provide, as well as the information of any type or nature generated as a result of this Specific Academic Agreement. This undertaking will last indefinitely, even though the Specific Academic Agreement has expired. All of the above without prejudice to the possible authorisation by the Institutions or, where applicable, where such information is considered to be in the public domain or where the disclosure of information is required by the legislation or decision of the court.

Article 11.- Revising the Specific Academic Agreement

This Specific Academic Agreement can be modified by mutual accord at any time through the drafting of the Schedule I. Unless such changes act in their favour, students already enrolled on the programme will not be affected by any changes made to this present Agreement.

Article 12.- Duration of the Specific Academic Agreement

This agreement will come into force once all of the Institutions' legal representatives have signed it. Initially it will be in force for 4 years.

This Specific Academic Agreement will be automatically extended if there are exchange students who have been admitted onto the double qualifications programme in the participating Institutions, or if there are still students who have not finalised their double degree studies.

After the above period, the Specific Academic Agreement can be renewed by express consent for a further 4 years. The signatory Institutions can agree to extend an agreement for a maximum period of 4 more years or until the agreement expires, should this happen first.

Any of the Signatory Institutions can terminate this Specific Academic Agreement by writing a waiver that must be sent to the other Institution within at least 6 months prior to the preferred Agreement termination date.

The Institutions undertake to fulfil their commitments towards the students admitted onto the double degree programme prior to the waiver submitted by either of the participants.

Article 13.- Text of the Specific Academic Agreement

This Specific Academic Agreement is written in English. Any amendment or change to the Agreement's text will be requested in writing by the proposing Institution.

Article 14.- Unforeseen Circumstances

No partner Institution will be liable for breach of its obligations under this Specific Academic Agreement if such failure arises from unforeseeable circumstances outside the control of said Institution.

Article 15.- Disputes

In the first instance, participating Institutions will try to resolve disputes amicably. If this amicable solution is not possible, the associated Institutions will have the right to submit the case to a competent court.

Ulysseus EUROPEAN UNIVERSITY

MCI THE ENTREPRENEURIAL SCHOOL

UNIVERSIDAD D SEVILLA

ON BEHALF OF SEVILLA UNIVERSITY,

Signed by: Miguel Ángel Castro Arroyo.

ON BEHALF OF MANAGEMENT CENTER INNSBRUCK,

Signed by: Andreas Altmann.

SCHEDULE I TO THE SPECIFIC ACADEMIC AGREEMENT FOR ESTABLISHING ULYSSEUS DOUBLE MASTER'S DEGREE

This Schedule I to the Specific Academic Agreement for establishing double master's degree in Ulysseus details the Pre-requisites, Official Programmes and Detailed information about the **Double Master Degree Program on Food Technology, Industry and Nutrition** between the parties. The double master's degree program is established in order to award participating students with Master of Science in Engineering (MSc or M.Sc.) at MCI and *Master Universitario en Tecnología e Industria Alimentaria* (Master in Food technology and Industry) of *Escuela Politécnica Superior* (EPS) at USE.

Structure of the double master degree

The structure of the double master program is based on the study and examination regulations in the respective degree programs and the transfer of credits (European system, common to both institutions). In general, the double master program requires that participating MCI students study at MCI during the first two semesters and at USE for two semesters and write their master thesis at MCI in their additional fifth semester. Participating USE students study at USE during their first two semesters and two semesters at MCI, which includes their master thesis.

Overall MCI students must obtain 120 ECTS at both institutions to be awarded both degrees. 60 ECTS will be achieved at MCI, 34 ECTS will be achieved through courses at USE and 26 ECTS will be achieved through the master thesis incl. master thesis seminar.

The structure of the double master's degrees program for MCI Students is the following:

Sem	Date	Content	Credits
Sem 1	Sept - Dec	Core Curriculum MCI	30 ECTS
Sem 2	March - June	Core Curriculum MCI	30 ECTS
Sem 3	October-January	Core Curriculum USE Hygiene and Safety in the Food Industry (5 ECTS) Analytical Control of Food Quality (5 ECTS) Quality Management (3 ECTS) Entrepreneurship in the Food Sector (3 ECTS) Sensory Properties of Foods (3 ECTS)	19 ECTS

Sem 4	February-May	Core Curriculum USE Food Industrial Processes (5 ECTS) Food Preservation and Processing Technology (5 ECTS) Treatment and Reuse of Food Waste (5 ECTS)	15 ECTS
Additional Sem	May – Sept/Nov	Master Thesis incl. Seminar MCI Final Exam MCI	26 ECTS
Total Number of ECTS			120 ECTS

Overall USE students must obtain 120 ECTS at both institutions to be awarded both degrees. 60 ECTS will be achieved at USE, 30 ECTS will be achieved through courses at MCI and 30 ECTS will be achieved through the master thesis incl. master thesis seminar. The structure of the double degree program for USE students is the following:

Sem	Date	Content	Credits
Sem 1	October-January	Core Curriculum USE	27 ECTS
Sem 2	February-June	Core Curriculum USE	33 ECTS
Sem 3	End of Sept - Dec	Core Curriculum MCI Elective: Innovations in the Food Industry (5 ECTS) Scientific Methods 3 (4 ECTS) Food Medicine (6 ECTS) Elective (f.e. international program or General Management 3) (5 ECTS) Applied Industrial Projects 1 (5 ECTS) Applied Industrial Projects 3 (5 ECTS)	30 ECTS
Sem 4	January – April	Core Curriculum MCI Master Thesis (incl. Seminar & Industrial Visits	30 ECTS
Total Number of ECTS			120 ECTS

MCI and USE students must elaborate a master thesis under MCI supervision and according to MCI standards to receive the MCI and the USE degree. The master thesis, written in English, must be submitted to both institutions. One bound copy of the master thesis must be submitted to the MCI study program office and one bound copy must be submitted to USE. The master thesis is to be supervised by designated

tutors from MCI, who will take on the role of the main tutor for the thesis of MCI students, although they will have a tutor from USE. In the case of USE students, the USE tutor will also take the role of main supervisor. Moreover, MCI and USE students will have institutional support and supervision for elaborating the master thesis from the MCI and USE.

Both supervisors of the thesis review and evaluate the thesis and suggest a grade to a commission consisting of members of both institutions. The commission consists of two (2) USE faculty members (research faculty, supporting tutor and/or head of studies) and two (2) MCI faculty members (designated MCI tutor and head of studies). The commission discusses the evaluation and the proposed grade and is eligible to make amendments to the evaluation and the proposed grade. The commission assigns the thesis with a final grade, which is binding for both institutions. A list of common research areas of interest for MCI and USE will be published. Master thesis will be proposed in the framework of these areas, as well as the list of supervisors from both MCI and USE.

It is mandatory for MCI and USE students to take the final examination at MCI in their last semester to receive the MCI degree. At MCI, the master's examination comprises a presentation of the thesis topic, a defense of the master thesis and an oral interdisciplinary examination.

After successfully completing all the above-mentioned requirements in the double master's degree program, students will be awarded the respective national degree of both institutions. The degree certificate and the complete transcripts will be sent to the student's home address. In addition, the coordinator at the partner university will receive a copy of all official documents.

Requirements

Students from MCI enrolled in the Master's program "Food Technology and Nutrition" attend their first study year at MCI. At the beginning of Semester 2 the allocation of exchange places takes place at MCI and students will be nominated to their host institution. As soon as students are nominated, they receive all application materials directly from the host institution.

MCI students, upon completion of the required number of 60 ECTS, may enrol in the double master's degrees program at USE to study at the Master's program "Food Technology and Industry". This will consist of completing first year at the MCI, 34 ECTS at USE of required courses in semesters 3 and 4, as the same time they can start the Master thesis. In the additional semester MCI Students will complete their master thesis incl. master thesis seminar (26 ECTS) under MCI supervision and MCI assessment.

Students from USE attend their first year at home University. The selection procedures will take place within their regular process. As soon as students are nominated, they receive all application material directly from the host institution. The application must

be submitted by students by May 15. USE students, upon completion of the required number of 60 ECTS, may enrol in the double master's degree Program at MCI to study at the MCI Masters program "Food Technology and Nutrition". This will consist of completing 30 ECTS at MCI of required courses in the 3rd semester. In the 4th semester USE students will complete their master thesis incl. master thesis seminar (30 ECTS) under MCI supervision and MCI assessment.

After the positive assessment of the master thesis, students are required to participate in the final exam at MCI. The final exam consists of a presentation of results of the master thesis, defence of the master thesis and a final interdisciplinary board examination. Successful completion of the final exam will make students eligible for the award of the relevant academic degree "Master of Science in Engineering / MSc or M.Sc. (use of the academic degree in combination with the brand "MCI" officially approved).

The language of instruction for the double master's degrees program is English+German at MCI and Spanish+English at USE. MCI and USE are obliged to offer all study material to double master's degrees participants in English and the relevant students can take the exams in English.

Selection criteria and procedures

Selection procedure for students participating in the double master's degrees program are determined by the home university. If requested by the host Institution, the home Institution will submit a complete file on each of the candidates for a double degree before the academic year in which s/he will be studying there. The file will include:

- An official academic record.
- A copy of the student's id document.
- A document accrediting the student's competence in a foreign language.

Selection procedure for MCI students: In general, the selection procedures for the exchange semester at a partner university takes place at the beginning of Semester 2 within the regular process for outgoing students. Students are ranked according to their grades obtained in the first semester here at MCI and according to their GPA they can select a place at their preferred partner institution (either double master's degrees program or regular exchange). Afterwards students will be nominated to their host institution by the MCI International Relations Office within the regular process for outgoing students. As soon as students are nominated, they receive all application material directly from the host institution. The application must be submitted by the students by the end of June.

Selection procedure for USE students: In general, the selection procedures for the exchange semester at a partner university takes places in November within the regular process for outgoing students (nomination in April, mobility for the next academic year). Students are ranked according to their grades obtained in their

bachelor as well as the language certification. Afterwards, students will be nominated and receive all application material directly from the host institution. The application must be submitted by mid-May.

Admission to the program will require approval from both universities. To be admitted into the double master's degrees program, students of both institutions must comply with all the requirements established by their home institutions as well as those stipulated by the host institution.

Requirements for admission for MCI students at USE for double master's degree program:

- Hold a Bachelor's degree or equivalent in (affinity): Food science and technology (high), Food sciences (high), Agricultural engineering (high), Agri-food engineering (high), Food engineering (high), Agricultural and food industries engineering (high), Agricultural industries engineering (high), Chemical or Industrial chemical engineering (high), Agronomic science and engineering (high), Technology of the agricultural and food industries (high), Agricultural technical engineer, specializing in agricultural and food industries high industrial technical engineer (specialty in industrial chemistry), Biology (medium), Biochemistry (medium), Biotechnology (medium), Enology (medium), Pharmacy (medium), Agricultural and rural engineering(medium), Farming engineering (medium), Innovation of food products and processes (medium), Human nutrition and dietetics (medium), Chemistry (medium), Veterinary (medium).

- Possible bachelors for admission and yearly published in https://www.juntadeandalucia.es/economiaconocimientoempresasyuniversidad/sguit/?q=masteres&d=mo_catalogo_top.php

- Be enrolled in the Masters program "Food Technology and Industry" at USE.
- Be enrolled in the Masters program "Food Technology and Nutrition" at MCI.

- For the admission to the Master's program "Food Technology & Nutrition" the regulations of § 4 FHG as amended apply.

Requirements for admission for USE students at MCI for double master's degrees program:

- Hold a Bachelor's degree or equivalent. Applicants require a cognate Bachelor degree diploma or equivalent with 180 ECTS in total achieved at an accredited university or university of applied sciences. This degree especially refers to Bachelor's degrees in Bachelor in Science. MCI requires a Bachelor's degree, with at least 80 ECTS in life sciences and engineering
- Motivation letter.

Both partners will inform the respective international admission office as soon as possible about the selected double master's degrees students and both partners will issue an interim letter of acceptance for the students for obtaining the required documents for studying in the host country (e.g. visa).

Detailed overview of the Semester structure and course load for MCI students

Semester 1 (winter semester) of Master Food Technology and Nutrition **& Master** Food Technology and Industry at MCI **– 30 ECTS**

Semester 1		
ECTS	Course	
5	Scientific Methods 1	Required
5	Applied Industrial Projects 1	Required
5	Food Chemistry	Required
5	Food Ingredients, Production & Packaging	Required
7	Analytics and Sensory Science	Required
3	General Management 1	Required
	ECTS Total 30	

Semester 2 (spring semester) of Master Food Technology and Nutrition & Master Food Technology and Industry at MCI– 30 ECTS

Semester 2		
ECTS	Course	
4	Scientific Methods 2	Required
5	Applied Industrial Projects 2	Required
3	Elective: Food microbiology	Required
9	Nutritional Physiology & Food Fermentation	Required
6	Food Approval	Required
3	General Management 2	Required
	ECTS Total 30	

Semester 3 (winter semester) of Master Food Technology and Nutrition & Master Food Technology and Industry– at USE – 19 ECTS

Semester 3		
ECTS	Course	
5	Hygiene and Safety in the Food Industry	Required
5	Analytical Control of Food Quality	Required
3	Quality Management	Required
3	Entrepreneurship in the Food Sector	Required
3	Sensory Properties of Foods	Required
	ECTS Total 19	

Semester 4 (spring semester) of Master Food Technology and Nutrition & Master Food Technology and Industry– at USE – 15 ECTS

Semester 4		
ECTS	Course	
5	Food Industrial Processes	Required
5	Food Preservation and Processing Technology	Required
5	Treatment and Reuse of Food Waste	Required
	ECTS Total 15	

Additional semester of Master Food Technology and Nutrition & Master Food Technology and Industry at MCI – 26 ECTS

Additional Semester		
ECTS	Course	
26	Master Thesis (incl. Seminar & Industrial Visits)	Required
	ECTS Total 26	

Detailed overview of the Semester structure and course load for USE students

Semester 1 of Master Food Technology and Nutrition & Master Food Technology and Industry at USE – 27 ECTS

Semester 1		
ECTS	Course	
5	Hygiene and Safety in the Food Industry	Required
5	Analytical Control of Food Quality	Required
3	Quality Management	Required
3	Entrepreneurship in the Food Sector	Required
3	Sensory Properties of Foods	Required
5	Food Chemistry and Biochemistry	Required
3	Food Microbiology	Required
	ECTS Total 27	

Semester 2 of Master Food Technology and Nutrition & Master Food Technology and Industry at USE – 33 ECTS

Semester 2		
ECTS	Course	
5	Food Industrial Processes	Required
5	Food Preservation and Processing Technology	Required
5	Treatment and Reuse of Food Waste	Required
12	and/or In-company placement	Required

6	Master Thesis	Required
	ECTS Total 33	

Semester 3 Master Food Technology and Nutrition & Master Food Technology and Industry– at MCI – 30 ECTS

Semester 3		
ECTS	Course	
5	Elective: Innovations in the Food Industry	Required
4	Scientific Methods 3	Required
6	Food Medicine	Required
3	Elective (from the International program or General management 3)	Required
5	Applied Industrial Projects 1	Required
5	Applied Industrial Projects 3	Required
	ECTS Total 30	

Semester 4 Master Food Technology and Nutrition & Master Food Technology and Industry– at MCI – 30 ECTS

Semester 4		
ECTS	Course	
	Master Thesis (incl. Seminar & Industrial Visits)	Required
	ECTS Total 30	

Grading system

MCI uses the Austrian grading system, with grades ranging from 1 to 5.

GRADE	DESCRIPTION	PERCENTAGE
1	excellent	100 – 90%
2	good	89 – 80%
3	satisfactory	79 – 70%
4	sufficient	69 – 60%
5	not sufficient (failed)	59 – 0%

USE uses the Spanish grading system, with grades ranging from 1 to 10.

GRADE	DESCRIPTION	PERCENTAGE
9 - 10	Sobresaliente (excellent)	N.A.
7 – 8.9	Notable (good)	N.A.
5 – 6.9	Aprobado (sufficient)	N.A.

0 – 4.9	Suspenso (failed)	N.A.

Additionally, those students with the higher calification (Sobresaliente) could apply for the special mention "Matrícula de honor".

Application details

	MCI students applying for semester 1 (September – December) at USE	USE students applying for semester 1 (September – December) at MCI
Nomination deadline	30th April	15th April
Application deadline	30th June	15th May
Course registration*	Course registration date is defined by the calendar published annually by the regional government (Andalusian single district)	1st week of October
Application material(s)*		Application material will only be sent to NOMINATED students. As soon as we receive the nominations from our partner universities, we will send all application materials directly to the students.
Documents to submit	* Nominated students will be contacted by the Institution and informed about the required documents.	Complete Online Application Transcript of current studies Certified copies of previous study Up-to-date Photo Valid ID card/passport Language proficiency test result or online test provided by MCI (free of charge) Signed Learning Agreement (Students have to list all the courses that they would like to attend, and this must be signed by USE International Coordinator)

Additional administrative issues

Double master's degrees students are exchange students under the regulations and conditions of the partner university. The most relevant points are: students pay tuition to their respective home institution. They pay travel expenses, room and board and are responsible for any additional expenses during their studies. All students will be required to prove that they have valid health insurance in the host country and are

responsible for maintaining their insurance coverage for the duration of their stay. Students are responsible to secure visa and to find housing; both parties will assist the students in doing so.

Evaluation criteria master thesis at MCI for all the students

Objectives: The student, by carrying out an independent analysis of a topic, shall demonstrate his/her ability to methodically analyze a problem on a scientific basis and the student shall prove that he/she is able to solve problems related to the occupational field of Food Technology in accordance with the scientific state of the art and practice-related requirements

Topics of the master thesis: The master thesis is a theoretically sound, practice-related, written assignment dealing with a subject related to the range of contents addressed in the study program. Topics for a master thesis may be proposed by the head of studies, full-time lecturers, third parties (e.g. representatives of industry and commerce) or by the student her/himself. To be confirmed as the topic for a master thesis, the relevant subject, in the form of a written outline, must be approved as suitable in the lecture "Academic Research & Studies", the academic walkthrough and by the thesis commission and allocated to the candidate as his/her topic for analysis. The allocation of a topic shall be legally binding once the lecturers holding the lecture "Academic Research & Studies" have confirmed it.

Supervision of the master thesis: As a rule, a tutor of MCI supervises the progress of the master's thesis. Lecturers teaching in the study program "Food Technology & Nutrition" may be appointed as supervisors. The thesis commission makes the actual appointment.

General structure of the Master thesis including (in according with the academic walkthrough of the department):

- 15.000 words
- Abstract
- Problem description, current research gap and research question
- Literature review and theoretical foundation
- Empirical part (quantitative or qualitative research methodology)
- Solution to the problem statement and research gap including implications for theory and practice
- Conclusion, summary, limitations and outlook

Submission details: Students can submit their master thesis either(...dates). Depending on the submission date, the final master examination will take place either (... enter submission date). One bound copy of the master thesis must be submitted to the MCI study program office and one bound copy must be submitted to USE. The master thesis must also be uploaded on Sakai (the MCI learning platform) in the form of a data file (.pdf and .doc) including the data set (.xls or .sav), if there is one. An

extended electronic appendix can also be uploaded via Sakai. If the thesis is not submitted by the stipulated deadline, it will be graded "insufficient".

Assessment Criteria: The thesis is assessed in writing. The period allowed for the assessment is four weeks. The essential criteria for the assessment of the master's thesis are:

- Personal project management 10%
- Quality in terms of structuring 35%: Master's Thesis structure (clear, logical, intelligible), congruence of objectives, elaboration and argumentation, problem-solving technique (approach, problem-solving process, methods applied), linking of theory and practice.
- Quality in terms of contents 35%: sound scientific basis, quality and quantity of the literature used, practical relevance and practice-related findings, summary and reflection of the work, own achievement and independent effort.
- Quality in terms of formal criteria 20%: length in line with requirements, correct mode of citation, style and language, correct spelling and punctuation, overall formal impression.

A master's thesis, which failed to receive a positive grade, may be revised and resubmitted twice. Any extension of the deadline is subject to the approval by the thesis commission. It is not permitted to change the topic. The last and third attempt before a committee will be held at the secondary examination date.

For USE students, they must also present a Master Thesis, according to the criterion the Regulations of the Master. Since it is shorter than the Master thesis at MCI, it will be started during the second semester and presented in USE. The evaluation system for the Master Thesis is based on the completion of the work, its progress under the supervision / direction of the tutor and its public presentation. For the public presentation and defense of the Master Thesis, the student must have passed all the courses. This work could be continued during the Master Thesis at MCI.

Final master exam

The final master exam is divided between two parts: master thesis (weighting 1/3) and final oral exam (weighting 2/3). A commission of three disciplinarily qualified faculty will examine the final exam. The approbation of the master thesis is an indispensable prerequisite for being admitted to the final examination before a committee.

The final oral exam consists of three different parts. For passing the final oral exam each of the below-mentioned parts has to be graded positive where each of the listed parts has to be assessed positive:

- Presentation of Master thesis (25%): The presentation of the master thesis includes a poster presentation of the problem statement, research question, research goal(s), theoretical background and empirical study with key results and lasts 10-12 minutes.

- **Defense of Master thesis (25%):** After the presentation of the thesis the commission discusses the thesis with the student and asks questions related to the master thesis.
- **Interdisciplinary Master exam (50%):** The admission for the interdisciplinary exam is subject to the positive appraisal of the master thesis presentation and its defense. The exam is an oral exam, opened to public and comprises an examination of the core contents of the master program. The candidates draw a question from a question catalogue, which are based on a reading list and get a few minutes for the preparation; besides this first main question, the commission will examine additional topics of the core curriculum of master program.

Data protection

Both institutions follow the Article 10 of the General agreement.

ON BEHALF OF SEVILLA UNIVERSITY,

Signed by: Miguel Ángel Castro Arroyo.

ON BEHALF OF MANAGEMENT CENTER INNSBRUCK,

Signed by: Andreas Altmann.