



# Masters

The Department of Food Technology, Engineering and Science co-ordinates and provides most of the teaching in the [Master's Degree in Management and Innovation in the Food Industry \(GIIA\)](http://www.masteralimentaria.udl.cat/en/index.html) [ <http://www.masteralimentaria.udl.cat/en/index.html> ]. This Master's Degree enrolls a maximum 20 new students yearly, and prepares high graduates to face the strong requirements of formation and work load demanded nowadays by the food industry. As professionals, they must be qualified as managers of quality and good performance of the processing lines, and meanwhile be able to dynamize the most innovative side of the industry in a fiercely competitive environment.

The Study Plan includes a single path strongly oriented towards food industry professionals, and is structured in 5 compulsory modules plus a Final Master Work (module 6). The structure of the Master is as follows:

<b>Code</b>	<b>Subjects</b>	<b>ECTS</b>
<b>Module 1. Food quality and safety</b>		
13115	Quality and Innovation management <a href="http://guiadocent.udl.cat/pdf/en/13115">http://guiadocent.udl.cat/pdf/en/13115</a>	4
13101	Laboratory Management <a href="http://guiadocent.udl.cat/pdf/en/13101">http://guiadocent.udl.cat/pdf/en/13101</a>	2
13102	Food Safety <a href="http://guiadocent.udl.cat/pdf/en/13102">http://guiadocent.udl.cat/pdf/en/13102</a>	4
<b>Module 2. Business management and marketing strategies</b>		
13116	Business Organisation and Innovation <a href="http://guiadocent.udl.cat/pdf/en/13116">http://guiadocent.udl.cat/pdf/en/13116</a>	2,5
13104	Marketing and International Relations <a href="http://guiadocent.udl.cat/pdf/en/13104">http://guiadocent.udl.cat/pdf/en/13104</a>	2,5
<b>Module 3. Post-harvest and industrialisation of fruit and vegetables</b>		
13117	Advances in Post-harvest Treatments of Fruit and Vegetables <a href="http://guiadocent.udl.cat/pdf/en/13117">http://guiadocent.udl.cat/pdf/en/13117</a>	6
13118	Advances in Fruit and Vegetable Juices <a href="http://guiadocent.udl.cat/pdf/en/13118">http://guiadocent.udl.cat/pdf/en/13118</a>	2
13107	Fresh-cut produce <a href="http://guiadocent.udl.cat/pdf/en/13107">http://guiadocent.udl.cat/pdf/en/13107</a>	2
<b>Module 4. Vegetable oils technology</b>		
13119	Olive Oil and Table Olives Innovation <a href="http://guiadocent.udl.cat/pdf/en/13119">http://guiadocent.udl.cat/pdf/en/13119</a>	3
13120	Seed Oils: Novel formulations and processes <a href="http://guiadocent.udl.cat/pdf/en/13120">http://guiadocent.udl.cat/pdf/en/13120</a>	2
<b>Module 5. Development technology of meat products</b>		
13121	Advances in Cured Meat Products <a href="http://guiadocent.udl.cat/pdf/en/13121">http://guiadocent.udl.cat/pdf/en/13121</a>	2,5
13122	Advances in Cooked Meat Products <a href="http://guiadocent.udl.cat/pdf/en/13122">http://guiadocent.udl.cat/pdf/en/13122</a>	2,5



13112	Tecnology for the Production of Convenience Foods <a href="http://guiadocent.udl.cat/pdf/en/13112">http://guiadocent.udl.cat/pdf/en/13112</a>	2,5
13113	Slicing and Packaging <a href="http://guiadocent.udl.cat/pdf/en/13113">http://guiadocent.udl.cat/pdf/en/13113</a>	2,5
Module 6. Master's degree thesis		
13114	Master's Degree Thesis <a href="http://guiadocent.udl.cat/pdf/en/13114">http://guiadocent.udl.cat/pdf/en/13114</a>	20

By another side, GIIA Master's Degree takes part in a [double-degree program](http://www.masteralimentaria.udl.cat/en/futurs-estudiants/Doble.html) [ <http://www.masteralimentaria.udl.cat/en/futurs-estudiants/Doble.html> ], a proposal designed to allow the students to course parallelly two master courses and acquire both studies knowledges and competences.

In practice, it is a formative itinerary consisting of coursing, simultaneously to the subjects of GIIA, the contents of [Agricultural Engineering Master's Degree](http://www.masteragro.udl.cat/ca/index.html) [ <http://www.masteragro.udl.cat/ca/index.html> ], according a pre-established proposal. Following this double-degree program means, for the student, important savings in time and fees, while achieving both competences and diplomas. In order to facilitate this, some of the subjects belonging to GIIA are offered too to Agricultural Engineering students.

Besides, FoodTech takes part in the teaching of some subjects in other Master's Degrees:

- Master's Degree in Industrial Engineering [ <http://www.masterindustrial.udl.cat/en/index.html> ]  
[Unit operations in chemical processes \(14353\)](http://guiadocent.udl.cat/pdf/en/14353) [ <http://guiadocent.udl.cat/pdf/en/14353> ]
- Master's Degree in Forestry Engineering [ <http://www.mastermontes.udl.cat/en/index.html> ]  
[Non-timber forest products industries \(103024\)](http://guiadocent.udl.cat/pdf/en/103024) [ <http://guiadocent.udl.cat/pdf/en/103024> ]