

## MSc in Mechanical Engineering of Biosystem (Postharvest Technology) – Curriculum Chart

### Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced Engineering Mathematics	۲	۱۸۱۸۱.۷		R
Research Methodology	۲	۱۸۱۸.۲۵		R
Engineering Experiments Design and Analysis	۲	۱۸۱۸.۵۲		R
Biological Materials Engineering Properties	۳	۱۸۱۸.۸۹		E
Biological Materials Engineering Properties Lab	۱	۱۸۱۸.۹۰		E
Applied Fluid Mechanics in Food Industry	۳	۱۸۱۸.۳۹		R
<b>Total Credits</b>	<b>۱۴</b>			

### Term 2

Courses	Credits	Code	Prerequisites	Type
Methods of Food Quality Assessment	۳	۱۸۱۸.۴۲		R
Principles of Crops and Food Processing	۳	۱۸۱۸۱۱.۰		E
Image Processing	۳	۱۸۱۸۱.۰۰		E
Food Industry Equipment Engineering	۲	۱۸۱۸۱۱۱		E
<b>Total Credits</b>	<b>۱۲</b>			

### Term 3

Courses	Credits	Code	Prerequisites	Type
Thesis	6	۳۸.۱.۰.۶		R
Seminar	1	۱۸۱۶.۰.۱		R
Special Topics	1	۱۸۱۶۲.۸		E
<b>Total Credits</b>				

### Term 4

Courses	Credits	Code	Prerequisites	Type
Thesis	6	۳۸.۱.۰.۶		R
<b>Total Credits</b>				

Course Types: R=Required    E=Elective