

**TABLE 2: COURSE DISTRIBUTION PER SEMESTER**

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
<b>1<sup>st</sup> Semester (Fall Semester)</b>								
1	Compulsory	Special Topics in Microbiology	ABF 501_T	2	1.5 hours	13	26	8
			ABF 501_L	1	3 hours	13	13	
2	Compulsory	Biochemistry and Molecular Biology	ABF 502_T	2	1.5 hours	13	26	8
			ABF 502_L	1	3 hours	13	13	
3	Compulsory	Bioeconomy, Biosafety and Bioethics	ABF 503_T	2	2 hours	13	26	7
4	Compulsory	Postgraduate Seminars*	ABF 512_T	1	2 hours	13	13	2
5	Restricted Elective	Physiology & Biochemistry of Agricultural Products	ABF 507_T	2	2 hours	13	26	7
6	Restricted Elective	Experimental design and biostatistics	ABF 509_T	2	1.5 hours	13	26	7
			ABF 509_L	1	1 hour	13	13	
<b>2<sup>nd</sup> Semester (Spring)</b>								
1	Compulsory	Advanced Techniques in Molecular Biology & Bioinformatics	ABF 504_T	2	1.5 hours	13	26	8
			ABF 504_L	1	3 hours	13	13	
2	Compulsory	Biotechnology	ABF 505_T	2	1.5 hours	13	26	8
			ABF 505_L	1	3 hours	13	13	
3	Compulsory	Molecular and Applied Ecology	ABF 506_T	2	1.5 hours	13	26	7
			ABF 506_L	1	2 hours	13	13	
5			ABF 508_T	2	1.5 hours	13	26	7

	<b>Restricted Elective</b>	<b>Advanced Analytical Techniques in Biotechnology</b>	<b>ABF 508_L</b>	<b>1</b>	<b>2 hours</b>	<b>13</b>	<b>13</b>	
<b>6</b>	<b>Restricted Elective</b>	<b>Special Topics in Agro-Industrial Fermentations</b>	<b>ABF 511_T</b>	<b>2</b>	<b>2 hours</b>	<b>13</b>	<b>26</b>	<b>7</b>
<b>Summer Session (15 ECTS)</b>								
<b>1</b>	<b>Compulsory</b>	<b>Master Thesis</b>	<b>ABF 580</b>			<b>13</b>		<b>15</b>
<b>3<sup>rd</sup> Semester (Fall Semester, 30 ECTS)</b>								
<b>1</b>	<b>Compulsory</b>	<b>Master Thesis</b>	<b>ABF 580</b>			<b>13</b>		<b>30</b>
<b>2</b>	<b>Compulsory</b>	<b>Postgraduate Seminars*</b>	<b>ABF 512_T</b>	<b>1</b>	<b>2 hours</b>	<b>13</b>	<b>13</b>	<b>2</b>

\* Students can attend the postgraduate seminar either in the 1<sup>st</sup> or during the 3<sup>rd</sup> semester.