

## Ph.D. in BIOMEDICAL SCIENCES

**TABLE 1: STRUCTURE OF THE PROGRAM OF STUDY**

<b>PROGRAM REQUIREMENTS</b>	<b>ECTS</b>
Compulsory courses	10
Elective courses	
(a) Courses of specialization	80
(b) General Education courses / Free Electives	0
Undergraduate / Postgraduate Assignment	120 research + 30 Write Up
Practical training	0
<b>Total ECTS</b>	<b>240</b>

## Ph.D. in BIOMEDICAL SCIENCES

**TABLE 2: COURSE DISTRIBUTION PER SEMESTER**

The Ph.D. in Biomedical Sciences (240 ECTS) involves a laboratory-based research dissertation. To obtain this degree, candidates must successfully complete the courses BIO 605 Basic Laboratory Health and Safety Training (0 ECTS), 80 ECTS of theoretical coursework, 4 semesters of Postgraduate Seminar series (0 ECTS), the Comprehensive Examination (10 ECTS) and the Ph.D. Thesis Proposal (0 ECTS) before they can sign up for the compulsory laboratory-based thesis dissertation (at least 120 ECTS, which is equivalent to 4 semesters). Concurrently with their thesis research, students must successfully complete an annual progress report. Students must also complete at least (30 ECTS (one semester) in thesis write-up and must have at least one first-author publication (or accepted for publication) of innovative research work for their Ph.D. in a peer-reviewed internationally recognized scientific journal.

Students have the option of taking on a different course load per semester, therefore, the course distribution per semester, as listed below, is indicative. Students with a relevant Master's degree may obtain transfer credit for restricted elective courses and thus follow a differentiated version of the schedule accordingly.

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration (hour)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
<b>A' Semester</b>								
1.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	<ul style="list-style-type: none"> <li>• 1.5</li> <li>• 1.5</li> <li>• 1</li> </ul>	13	52	10
2.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	<ul style="list-style-type: none"> <li>• 1.5</li> <li>• 1.5</li> <li>• 1</li> </ul>	13	52	10
3.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of	3	<ul style="list-style-type: none"> <li>• 1.5</li> <li>• 1.5</li> <li>• 1</li> </ul>	13	52	10

			courses offered by the Department						
4.	Compulsory	Basic Laboratory Health and Safety Training	BIO 605	1	• 2	2	4	0	
5.	Compulsory	Postgraduate Seminars I	BIO 800	1	• 1	11	11	0	
<b>B' Semester</b>									
6.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	• 1.5 • 1.5 • 1	13	52	10	
7.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	• 1.5 • 1.5 • 1	13	52	10	
8.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	• 1.5 • 1.5 • 1	13	52	10	
9.	Compulsory	Postgraduate Seminars II	BIO 801	1	• 1	11	11	0	
<b>C' Semester</b>									
10.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	• 1.5 • 1.5 • 1	13	52	10	

11.	Elective (Specialization)	Restricted Elective Course	Selected by the students from a specific list of courses offered by the Department	3	<ul style="list-style-type: none"> <li>• 1.5</li> <li>• 1.5</li> <li>• 1</li> </ul>	13	52	10
12.	Compulsory	Comprehensive Examination of Ph.D. students	BIO 810	-	-	13	-	10
13.	Compulsory	Postgraduate Seminars III	BIO 802	1	• 1	11	11	0
<b>D' Semester</b>								
14.	Compulsory	Ph.D. Research Stage I	BIO 820	-	-	13	-	30
15.	Compulsory	Postgraduate Seminars IV	BIO 803	1	• 1	11	11	0
<b>E' Semester</b>								
16.	Compulsory	Ph.D. Research Stage II	BIO 821	-	-	13	-	30
17.	Compulsory	Ph.D. Research Proposal	BIO 811	-	-	13	-	0
<b>F' Semester</b>								
18.	Compulsory	Ph.D. Research Stage III	BIO 822	-	-	13	-	30
<b>G' Semester</b>								
19.	Compulsory	Ph.D. Research Stage IV	BIO 823	-	-	13	-	30
20.	Compulsory	Annual Progress Report I	BIO 812	-	-	13	-	0
<b>H' Semester</b>								
21.	Compulsory	Ph.D. Thesis Write-up Stage I	BIO 835	-	-	13	-	30