

**VOCATIONAL SCHOOL OF HEALTH SERVICES  
DEPARTMENT OF LABORATORY TECHNOLOGY  
2023-2024 CURRICULUM**

**FIRST CLASS-SEMESTER I**

**FALL**

CODE	COURSE NAME	THEORY	PRACTICE	CREDIT	ECTS
ATA101	Principles of Atatürk and History of Revolutions I	2	0	2	3
LBT103	General Biology	2	0	2	4
LBT101	General Chemistry I	2	0	2	4
INGU101	English I	3	0	3	3
LBT113	Laboratory Safety	2	0	2	3
LBT111	Laboratory Techniques I*	2	2	3	6
MAT101	Basic Mathematics (DEC)	2	0	2	3
TURK101	Turkish Language I	2	0	2	3
RKUL101	University Culture I * (UEC)	0	2	1	1
<b>TOTAL</b>		<b>17</b>	<b>4</b>	<b>19</b>	<b>30</b>

**FIRST CLASS-SEMESTER II**

**SPRING**

CODE	COURSE NAME	THEORY	PRACTICE	CREDIT	ECTS
ATA102	Principles of Atatürk and History of Revolutions II	2	0	2	3
BIK101	Biochemistry	2	0	2	2
CEV124	Environmental Impact Assessment	2	0	2	4
LBT110	General Chemistry II	2	0	2	4
INGU102	English II	3	0	3	3
LBT108	Laboratory Techniques II	2	0	2	4
RPSI209	Positive Psychology and Communication Skills (UEC)	2	0	2	3
LBT114	Soil and Water Pollution	2	0	2	3
TURK102	Turkish Language II	2	0	2	3
RKUL102	University Culture II* (UEC)	0	2	1	1
<b>TOTAL</b>		<b>19</b>	<b>2</b>	<b>20</b>	<b>30</b>

**SECOND CLASS- SEMESTER III**

**FALL**

CODE	COURSE NAME	THEORY	PRACTICE	CREDIT	ECTS
LBT223	Plant and Soil Analysis * (DEC)	2	2	3	7
LBT225	General Microbiology	2	2	3	7
LBT227	Food Analysis * (DEC)	2	2	3	7
LBT201	Standardization and Quality	2	0	2	4
LBT211	Water Analysis	2	0	2	3
<b>TOTAL</b>		<b>10</b>	<b>6</b>	<b>13</b>	<b>28</b>

**SECOND CLASS- SEMESTER IV**

**SPRING**

CODE	COURSE NAME	THEORY	PRACTICE	CREDIT	ECTS
CEV208	Biotechnology	2	0	2	5
ILK101	First Aid (DEC)	2	0	2	3
	Elective Course	2	0	2	2
LBT200	Agricultural Drugs and Analysis	2	0	2	5
LBT210	Agricultural Ecology	2	0	2	4
LBT218	Medical Analysis Techniques (DEC)	2	0	2	4
LBT999	Summer Internship***	0	20 Days	0	9
<b>TOTAL</b>		<b>8</b>	<b>8</b>	<b>12</b>	<b>32</b>

*	Practical Course
**	Vocational Education in Business
***	Summer Internship

DEC: Departmental Elective Courses	
UEC: University Elective Courses	

CRITERIA REQUIRED FOR GRADUATION	
THEORETICAL COURSE HOURS	54
PRACTICAL COURSE HOURS	20
CREDITS	64
ECTS	120
TOTAL ELECTIVE COURSE ECTS (UNIVERSITY + DEPARTMENT + VOCATIONAL SCHOOL)	31
(25% OF TOTAL ECTS AMOUNT)	30