

No	Semester	Course	Module Handbook	SKS	Credit (ECTS)
1	1 st Semester	Instrumental chemistry	Download	3	5
2	1 st Semester	Chemical Separation and Purification	Download	3	5
3	1 st Semester	Synthesis of Essential Oils and Derivatives	Download	3	5
4	1 st Semester	Synthesis of Organic and Inorganic Chemistry	Download	3	5
5	1 st Semester	Characterization of Essential Oils	Download	3	5
6	1 st Semester	Ecology and Environmental Chemistry	Download	2	3.4
7	1 st Semester	Organic reaction mechanism	Download	2	3.4
8	1 st Semester	Quantum and Computational Chemistry	Download	3	5
9	1 st Semester	Electrochemical Analysis	Download	3	5
10	1 st Semester	Advanced Material	Download	2	3.4
11	1 st Semester	Synthesis of natural product	Download	3	5
12	1 st Semester	Pharmacology and Toxicology	Download	3	5
13	2 nd Semester	Research Design and Publication	Download	2	3.63
14	2 nd Semester	Proposal and Preliminary Research	Download	2	3.4
15	2 nd Semester	Elucidation of Organic and Inorganic Compounds	Download	2	3.4
16	2 nd Semester	Process of the Essential Oil Industry	Download	2	3.4
17	2 nd Semester	Perfume, Flavor and Aroma Therapy	Download	2	3.4
18	2 nd Semester	Bioactivity of essential oils	Download	2	3.4
19	2 nd Semester	Essential oils for edible coatings	Download	2	3.4
20	2 nd Semester	Essential oils for pest control	Download	2	3.4
21	2 nd Semester	Green and Sustainable Chemistry	Download	2	3.4
22	2 nd Semester	Adsorption Technology	Download	2	3.4
23	2 nd Semester	Waste Management Technology	Download	2	3.4
24	2 nd Semester	Chemical catalyst	Download	2	3.4
25	2 nd Semester	Inorganic reaction mechanism	Download	2	3.4
26	2 nd Semester	Sensor and Biosensor	Download	2	3.4
27	2 nd Semester	Functional Materials	Download	2	3.4
28	2 nd Semester	Energy Conservation	Download	2	3.4

29	2 nd Semester	Functional Food Chemistry	Download	2	3.4
30	2 nd Semester	Techniques of Enzyme Synthesis	Download	2	3.4
31	2 nd Semester	Enzymology	Download	2	3.4
32	2 nd Semester	Bioactivity of Natural Product	Download	2	3.4
33	2 nd Semester	Bioenergy	Download	2	3.4
34	3 rd Semester	Islam for Scholar	Download	2	3.4
35	3 rd Semester	Research for Thesis	Download	5	
36	3 rd Semester	Islam as Mercy to the World	Download	1	1.7
37	3 rd Semester	International Scientific Work	Download	1	1.7
38	4 th Semester	Thesis	Download	2	