

Department of Chemical and Biological Sciences

Course Title	Credits	Year
BASIC MATHEMATICS	2	1~
TOPICS IN MATHEMATICS I	2	1~
TOPICS IN MATHEMATICS II-1	2	1~
TOPICS IN MATHEMATICS II-2	2	1~
INTRODUCTION TO PHYSICAL SCIENCE I	2	1~
INTRODUCTION TO PHYSICAL SCIENCE II	2	1~
EXPERIMENTS IN PHYSICAL SCIENCE I	1.5	1~
EXPERIMENTS IN PHYSICAL SCIENCE II	1.5	1~
INTRODUCTION TO CHEMICAL SCIENCE I	2	1~
INTRODUCTION TO CHEMICAL SCIENCE II	2	1~
EXPERIMENTS IN CHEMICAL SCIENCE I	2	1~
EXPERIMENTS IN CHEMICAL SCIENCE II	2	1~
INTRODUCTION TO BIOLOGICAL SCIENCE I	2	1~
INTRODUCTION TO BIOLOGICAL SCIENCE II	2	1~
EXPERIMENTS IN BIOLOGICAL SCIENCE I	2	1~
EXPERIMENTS IN BIOLOGICAL SCIENCE II	2	1~
INTRODUCTION TO COMPUTER SCIENCE	2	1~
EXERCISES IN PROGRAMMING	1	1~
GEOLOGY I	2	3
LABORATORY WORK IN GEOLOGY I	1.5	3
GEOLOGY II	2	3
INTRODUCTION TO NATURAL SCIENCE	2	1~
ANALYTICAL CHEMISTRY I	2	2
ANALYTICAL CHEMISTRY II	2	2
SEMINAR IN ANALYTICAL CHEMISTRY	2	2
ANALYTICAL CHEMISTRY III	2	3
PHYSICAL CHEMISTRY I	2	2
PHYSICAL CHEMISTRY II	2	2
PHYSICAL CHEMISTRY III	2	3
SEMINAR IN PHYSICAL CHEMISTRY	2	2
QUANTUM CHEMISTRY I	2	2
QUANTUM CHEMISTRY II	2	3
SOLUTION CHEMISTRY	2	2
REACTION KINETICS	2	3
INORGANIC CHEMISTRY I	2	2
INORGANIC CHEMISTRY II	2	3
RADIO CHEMISTRY	2	3

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Course Title	Credits	Year
INTRODUCTION TO ORGANIC CHEMISTRY	2	1~
ORGANIC CHEMISTRY I	2	2
ORGANIC CHEMISTRY II	2	2
SYNTHETIC ORGANIC CHEMISTRY I	2	3
SYNTHETIC ORGANIC CHEMISTRY II	2	3
BIOCHEMISTRY I	2	2
BIOCHEMISTRY II	2	2
MOLECULAR CELL BIOLOGY	2	2
CELL BIOLOGY	2	2
GENETICS I	2	2
GENETICS II	2	3
ETHOLOGY	2	3
DEVELOPMENTAL BIOLOGY	2	3
PLANT PHYSIOLOGY I	2	2
PLANT PHYSIOLOGY II	2	3
APPLIED MICROBIOLOGY	2	3
CELLULAR AND MOLECULAR PHYSIOLOGY IN PLANTS	2	3
ANIMAL PHYSIOLOGY I	2	2
ANIMAL PHYSIOLOGY II	2	3
CELLULAR FINESTRUCTURE	2	3
ENVIRONMENTAL BIOLOGY	2	2
PLANT PHYLOGENY	2	2
ANIMAL PHYLOGENY	2	2
POLYMER CHEMISTRY	2	3
BIOORGANIC CHEMISTRY	2	3
BIOPHYSICAL CHEMISTRY	2	3
MOLECULAR BIOLOGY I	2	2
MOLECULAR BIOLOGY II	2	3
IMMUNOBIOLOGY	2	3
ENVIRONMENTAL SCIENCE	2	2
ENVIRONMENTAL CHEMISTRY I	2	3
ENVIRONMENTAL CHEMISTRY II	2	3
TOPICS IN BIOINFORMATICS	1	3
PLANT ECOLOGY	1	2
ANIMAL ECOLOGY	1	2
CONSERVATION BIOLOGY	2	3
SPECIAL TOPICS IN BIOTECHNOLOGY	2	3

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Course Title	Credits	Year
SPECIAL LECTURE I IN CHEMICAL AND BIOLOGICAL SCIENCES	1	3,4
SPECIAL LECTURE II IN CHEMICAL AND BIOLOGICAL SCIENCES	1	3,4
SPECIAL PRACTICE IN CHEMICAL AND BIOLOGICAL SCIENCES	1	3,4
LABORATORY WORKS IN INORGANIC AND ANALYTICAL CHEMISTRY	2	2
LABORATORY WORKS IN ORGANIC CHEMISTRY I	2	2
LABORATORY WORKS IN PHYSICAL CHEMISTRY I	2	2
LABORATORY WORKS IN CELL BIOLOGY	2	2
LABORATORY WORKS IN BIOCHEMISTRY	2	2
LABORATORY WORKS IN ZOOLOGY	2	2
LABORATORY WORKS IN ENVIRONMENTAL BIOLOGY	2	2
LABORATORY WORKS IN ORGANIC CHEMISTRY II	2	3
LABORATORY WORKS IN INSTRUMENTAL ANALYSIS	2	3
LABORATORY WORKS IN ENVIRONMENTAL ANALYSIS	2	3
LABORATORY WORKS IN GENETICS	2	3
LABORATORY WORKS IN PLANT PHYSIOLOGY	2	3
LABORATORY WORKS IN ANIMAL PHYSIOLOGY	2	3
LABORATORY WORKS IN PHYSICAL CHEMISTRY II	2	3
LABORATORY WORKS IN CELLULAR FINESTRUCTURE	2	3
SEMINAR I IN ENGLISH FOR CHEMICAL AND BIOLOGICAL SCIENCES	2	2
SEMINAR II IN ENGLISH FOR CHEMICAL AND BIOLOGICAL SCIENCES	2	3
BASIC SEMINAR IN CHEMICAL AND BIOLOGICAL TOPICS	2	3
SEMINAR IN CHEMICAL AND BIOLOGICAL TOPICS I-1	2	4
SEMINAR IN CHEMICAL AND BIOLOGICAL TOPICS I-2	2	4
SEMINAR IN CHEMICAL AND BIOLOGICAL TOPICS II-1	2	4
SEMINAR IN CHEMICAL AND BIOLOGICAL TOPICS II-2	2	4
TOPICAL STUDIES IN CHEMICAL AND BIOLOGICAL SCIENCES	4	4