

Major in Chemistry: Course Timetable for Spring 2020

Updated as of Dec.24 2019

Spring	1st Period (9:00-10:30) Course name	2nd Period (10:40-12:10) Course name	3rd Period (13:00-14:30) Course name	4th Period (14:45-16:15) Course name	5th Period (16:30-18:00) Course name	6th Period (18:15-19:45) Course name
Mon. 春Q	★B_2nd(1st)_General Physics C: Electromagnetism (1)	★A_1st_Laboratory English A (1) ★C_3rd(2nd)_Biochemistry	★B_2nd(1st)_C Programming (2) ★C_3rd(2nd)_Introduction to Industrial Chemistry	★B_1st_Introduction to C Programming (1) ★B_1st_Introduction to C Programming (2)	★B_2nd(1st)_Linear Algebra B (1)	
夏Q		★A_1st_Laboratory English B (1) B_2nd(1st)_Mind Biology ★C_3rd(2nd)_Biochemistry	★B_2nd(1st)_C Programming (2) ★C_3rd(2nd)_Introduction to Industrial Chemistry	★B_1st_Introduction to C Programming (1) ★B_1st_Introduction to C Programming (2)	★B_1st_Introduction to Probability and Statistics (1)	
Tue. 春Q	★A_1st_Academic English A (1) ★C_3rd(2nd)_Organic Chemistry B	★B_1st_Introduction to Bioscience (1) ★C_3rd(2nd)_Physical Chemistry A	★B_2nd(1st)_Linear Algebra B (1) ★C_3rd(2nd)_Inorganic and Analytical Chemistry Laboratory	★A_1st_Academic Fundamentals A ★B_2nd(1st)_Introduction to Fortran Programming ★C_3rd(2nd)_Inorganic and Analytical Chemistry Laboratory	★A_1st_Academic Fundamentals C ★C_3rd(2nd)_Inorganic and Analytical Chemistry Laboratory C_M(EE)_3rd(2nd)_Advanced Electrical Engineering	
夏Q	★A_1st_Academic English B (1) B_2nd(1st)_Mind Biology ★C_3rd(2nd)_Organic Chemistry B	★C_3rd(2nd)_Physical Chemistry A	★C_3rd(2nd)_Inorganic and Analytical Chemistry Laboratory	★A_1st_Academic Fundamentals B ★B_2nd(1st)_Introduction to Fortran Programming ★C_3rd(2nd)_Inorganic and Analytical Chemistry Laboratory	★A_1st_Academic Fundamentals D ★C_3rd(2nd)_Inorganic and Analytical Chemistry Laboratory C_M(EE)_3rd(2nd)_Advanced Electrical Engineering	
Wed. 春Q	★B_1st_Introduction to Bioscience (1)	★C_2nd(1st)_Current Topics in Chemistry	★B_2nd(1st)_Calculus C (1) C_M(EE)_4th(3rd)_Physics of Semiconductor Devices 2	★B_2nd(1st)_General Physics C: Electromagnetism (1)	★A_1st_Academic English A (1) C_M(EE)_4th(3rd)_Thin Film Engineering	★B_2nd(1st)_Introduction to Java Programming
夏Q	B_2nd(1st)_Ordinary Differential Equations (1)		B_2nd(1st)_Vector Calculus (1) C_M(EE)_4th(3rd)_Physics of Semiconductor Devices 2	★B_1st_Introduction to Probability and Statistics (1)	★A_1st_Academic English B (1) C_M(EE)_4th(3rd)_Thin Film Engineering	★B_2nd(1st)_Introduction to Java Programming
Thu. 春Q	★A_1st_Laboratory English A (1)	★B_2nd(1st)_General Physics C: Electromagnetism (1)	★C_2nd(1st)_Current Topics in Chemistry	★A_1st_Academic Fundamentals A ★A_1st_Japanese 2 (1) ★A_1st_Japanese 2 (2)	★A_1st_Academic Fundamentals C C_M(EE)_2nd_Electromagnetism for Electronics and Electrical Engineering	
夏Q	★A_1st_Laboratory English B (1)	B_2nd(1st)_Ordinary Differential Equations (1)		★A_1st_Academic Fundamentals B ★A_1st_Japanese 2 (1) ★A_1st_Japanese 2 (2)	★A_1st_Academic Fundamentals D C_M(EE)_2nd_Electromagnetism for Electronics and Electrical Engineering	
Fri. 春Q	★B_2nd(1st)_Calculus C (1) ★C_4th(3rd)_Industrial Chemistry C_M(EE)_3rd(2nd)_Power Systems Engineering ◆	★C_2nd(1st)_Laboratory for Advanced Science and Engineering A	★B_2nd(1st)_C Programming (3) ★C_3rd(2nd)_Chemical Biology ★C_2nd(1st)_Laboratory for Advanced Science and Engineering A	★C_3rd(2nd)_Inorganic Chemistry B ★C_2nd(1st)_Laboratory for Advanced Science and Engineering A	★C_2nd(1st)_Laboratory for Advanced Science and Engineering A C_M(EE)_3rd(2nd)_Control Systems ◆	
夏Q	B_2nd(1st)_Vector Calculus (1) ★C_4th(3rd)_Industrial Chemistry C_M(EE)_3rd(2nd)_Power Systems Engineering ◆	★C_2nd(1st)_Laboratory for Advanced Science and Engineering B	★B_2nd(1st)_C Programming (3) ★C_2nd(1st)_Laboratory for Advanced Science and Engineering B ★C_3rd(2nd)_Chemical Biology	★C_2nd(1st)_Laboratory for Advanced Science and Engineering B ★C_3rd(2nd)_Inorganic Chemistry B	★C_2nd(1st)_Laboratory for Advanced Science and Engineering B C_M(EE)_3rd(2nd)_Control Systems ◆	
Sat. 春Q	C_4th(3rd)_Scientific Research	C_4th(3rd)_Scientific Research				
夏Q	C_4th(3rd)_Scientific Research	C_4th(3rd)_Scientific Research				

Major in Chemistry: Course Timetable for Fall 2020

Fall	1st Period (9:00-10:30) Course name	2nd Period (10:40-12:10) Course name	3rd Period (13:00-14:30) Course name	4th Period (14:45-16:15) Course name	5th Period (16:30-18:00) Course name	6th Period (18:15-19:45) Course name
Mon. 秋Q	★B_1st_General Chemistry A (2) B_2nd_Vector Calculus (2) (2nd year and above class) C_M(EE)_3rd_Smart Grid and Frontiers in Electric Energy Systems ◆	★A_1st_Academic Study Skills A (2) ★C_3rd_Quantum Chemistry ★C_2nd_Inorganic Chemistry A	★B_1st_Introduction to C Programming (4) ★B_1st_Introduction to C Programming (3) ★C_3rd_Physical Chemistry Laboratory ★C_2nd_Introduction to Applied Chemistry	★B_1st(2nd)_C Programming (1) ★C_3rd_Physical Chemistry Laboratory	★B_1st_Introduction to Probability and Statistics (2) ★C_3rd_Physical Chemistry Laboratory	★C_3rd_Research Design and Analysis
冬Q	★B_1st_General Chemistry B (2) C_M(EE)_3rd_Smart Grid and Frontiers in Electric Energy Systems ◆	★A_1st_Academic Study Skills B (2) ★C_3rd_Quantum Chemistry ★C_2nd_Inorganic Chemistry A	★B_1st_Introduction to C Programming (4) ★B_1st_Introduction to C Programming (3) ★C_2nd_Introduction to Applied Chemistry ★C_3rd_Physical Chemistry Laboratory	★B_1st(2nd)_C Programming (1) ★C_3rd_Physical Chemistry Laboratory	B_1st_General Physics B: Waves, Optics, and Thermodynamics ★C_3rd_Physical Chemistry Laboratory	★C_3rd_Research Design and Analysis
Tue. 秋Q	★B_1st_Calculus A (2) ★C_2nd_Fundamentals of Chemical Engineering ★C_3rd_Diversity and Multiculturalism in Research	B_2nd_Ordinary Differential Equations (2) (2nd year and above class)	★C_2nd_Organic Chemistry A ★C_3rd_Physical Chemistry B	★A_1st_Academic Study Skills A (2) B_2nd_Complex Analysis	★B_1st_General Physics A: Mechanics (2) ★C_3rd_Research Ethics and Intellectual Property	
冬Q	★B_1st_Calculus B (2) ★C_2nd_Fundamentals of Chemical Engineering ★C_3rd_Diversity and Multiculturalism in Research		★C_2nd_Organic Chemistry A ★C_3rd_Physical Chemistry B	★A_1st_Academic Study Skills B (2) B_2nd_Fourier Analysis	★B_1st_Linear Algebra A (2) ★C_3rd_Research Ethics and Intellectual Property	
Wed. 秋Q	★A_1st_Japanese 1 (1) ★A_1st_Japanese 1 (2) ★B_2nd_Fortran Programming ★C_3rd_Fundamentals of Materials Chemistry	★C_2nd_Chemistry and Bioscience Laboratory	★B_1st_Calculus A (2) ★C_2nd_Chemistry and Bioscience Laboratory C_M(EE)_3rd_Advanced Electric Power Devices and Machines ◆	★B_1st_General Physics A: Mechanics (2) ★C_2nd_Chemistry and Bioscience Laboratory ★C_3rd_Seminar on Problem Solving	★C_2nd_Chemistry and Bioscience Laboratory ★C_3rd_Seminar on Problem Solving	
冬Q	★A_1st_Japanese 1 (1) ★A_1st_Japanese 1 (2) ★B_2nd_Fortran Programming ★C_3rd_Fundamentals of Materials Chemistry		★B_1st_Calculus B (2) C_M(EE)_3rd_Advanced Electric Power Devices and Machines ◆	★C_3rd_Seminar on Problem Solving	★C_3rd_Seminar on Problem Solving	
Thu. 秋Q	★B_1st_General Physics A: Mechanics (2)	★A_1st_Academic Study Skills A (4) B_2nd_Vector Calculus (2) (2nd year and above class)	★B_1st_Introduction to Probability and Statistics (2)	B_2nd_Ordinary Differential Equations (2) (2nd year and above class)	★B_1st_General Chemistry A (2) C_M(EE)_3rd_Physics of Semiconductor Devices 1 ◆	
冬Q	★B_1st_Linear Algebra A (2)	★A_1st_Academic Study Skills B (4)	B_1st_General Physics B: Waves, Optics, and Thermodynamics		★B_1st_General Chemistry B (2) C_M(EE)_3rd_Physics of Semiconductor Devices 1 ◆	
Fri. 秋Q	★A_1st_Academic Study Skills A (4) B_2nd_Complex Analysis ★C_3rd_Analytical Chemistry	★B_1st_Science and Engineering Laboratory ★B_2nd_Java Programming ★C_3rd_Organic Chemistry Laboratory	★B_1st_Science and Engineering Laboratory ★C_3rd_Organic Chemistry Laboratory	★B_1st_Science and Engineering Laboratory ★C_3rd_Organic Chemistry Laboratory ★C_2nd_Green Materials Science C_M(EE)_3rd_Power System and Nuclear Power Generation Theory ◆	★B_1st_Science and Engineering Laboratory	
冬Q	★A_1st_Academic Study Skills B (4) B_2nd_Fourier Analysis ★C_3rd_Analytical Chemistry	★B_1st_Science and Engineering Laboratory ★B_2nd_Java Programming ★C_3rd_Organic Chemistry Laboratory	★B_1st_Science and Engineering Laboratory ★C_3rd_Organic Chemistry Laboratory	★B_1st_Science and Engineering Laboratory ★C_3rd_Organic Chemistry Laboratory ★C_2nd_Green Materials Science C_M(EE)_3rd_Power System and Nuclear Power Generation Theory ◆	★B_1st_Science and Engineering Laboratory	
Sat. 秋Q	C_3rd_Technical English for Scientific Research A	C_3rd_Technical English for Scientific Research B				
冬Q	C_3rd_Technical English for Scientific Research A	C_3rd_Technical English for Scientific Research B				

note:

- ★: Required courses
- ☆: Restricted elective courses
- A: Group A
- B: Group B
- C: Group C
- M: Minor course. the bracketed description shows its abbreviation.

1st~4th: Allocate year. When it is different in students enrolled in April and in September, the bracketed description shows one for students enrolled in September.

Intensive courses (Spring)	Intensive courses (Fall)
Course name	Course name
C_M(EE)_3rd(2nd)_Frontiers of Device Engineering	C_M(EE)_2nd_Introduction to Computational Physics
	C_3rd_Field Work in Research Institution and Industry