Major in Physics: Course Timetable for **Spring 2020**

Updated as of Dec.24 2019

Spring	1st Period (9:00-10:30)	2nd Period (10:40-12:10)	3rd Period (13:00-14:30)	4th Period (14:45-16:15)	5th Period (16:30-18:00)	6th Period (18:15-19:45)
	Course name	Course name	Course name	Course name	Course name	Course name
Mon. **春Q**	★B_2nd(1st)_General Physics C: Electromagnetism (1) ☆C_3rd(2nd)_Relativity	★A_1st_Laboratory English A (1) ☆C_3rd(2nd)_Fluid Mechanics	☆B_2nd(1st)_C Programming (2)	☆B_1st_Introduction to C Programming (1) ☆B_1st_Introduction to C Programming (2)	★B_2nd(1st)_Linear Algebra B (1)	☆C_3rd(2nd)_Engineering Physics A ☆C_2nd(1st)_Problem Solving in Fundamental Physics A ♠
夏Q	☆C_3rd(2nd)_Relativity	★A_1st_Laboratory English B (1) B_2nd(1st)_Mind Biology ☆C_3rd(2nd)_Fluid Mechanics	☆B_2nd(1st)_C Programming (2)	☆B_1st_Introduction to C Programming (1) ☆B_1st_Introduction to C Programming (2)	★B_1st_Introduction to Probability and Statistics (1)	☆C_3rd(2nd)_Engineering Physics A
Tue. **春Q**	★A_1st_Academic English A (1)	☆B_1st_Introduction to Bioscience (1) ☆C_3rd(2nd)_Advanced Electromagnetism	★B_2nd(1st)_Linear Algebra B (1)	★A_1st_Academic Fundamentals A ☆B_2nd(1st)_Introduction to Fortran Programming	★A_1st_Academic Fundamentals C C_M(EE)_3rd(2nd)_Advanced Electrical Engineering	
夏Q	★A_1st_Academic English B (1) B_2nd(1st)_Mind Biology	☆C_3rd(2nd)_Advanced Electromagnetism		★A_1st_Academic Fundamentals B ☆B_2nd(1st)_Introduction to Fortran Programming	★A_1st_Academic Fundamentals D C_M(EE)_3rd(2nd)_Advanced Electrical Engineering	
Wed. **春Q**	☆B_1st_Introduction to Bioscience (1)	☆C_2nd(1st)_Problem Solving in Fundamental Physics A ♠	★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_3rd(2nd)_Mathematical Methods for Physics B C_M(EE)_4th(3rd)_Thin Film Engineering	☆B_2nd(1st)_Introduction to Java Programming ★C_3rd(2nd)_Quantum Mechanics A
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_3rd(2nd)_Mathematical Methods for Physics B C_M(EE)_4th(3rd)_Thin Film Engineering	☆B_2nd(1st)_Introduction to Java Programming ★C_3rd(2nd)_Quantum Mechanics A
Thu. **春Q**	★A_1st_Laboratory English A (1)	★B_2nd(1st)_General Physics C: Electromagnetism (1)		★A_1st_Academic Fundamentals A ☆A_1st_Japanese 2 (2) ☆A_1st_Japanese 2 (1)	★A_1st_Academic Fundamentals C C_M(EE)_2nd_Electromagnetism for Electronics and Electrical Engineering	☆C_3rd(2nd)_Biological Physics
夏Q	★A_1st_Laboratory English B (1)	★B_2nd(1st)_Ordinary Differential Equations (1)		★A_1st_Academic Fundamentals B ☆A_1st_Japanese 2 (2) ☆A_1st_Japanese 2 (1)	★A_1st_Academic Fundamentals D C_M(EE)_2nd_Electromagnetism for Electronics and Electrical Engineering	☆C_3rd(2nd)_Biological Physics
Fri. **春Q**	★B_2nd(1st)_Calculus C (1) C_M(EE)_3rd(2nd)_Power Systems Engineering ♠	★C_2nd(1st)_Laboratory for Advanced Science and Engineering A ♠ ☆C_3rd(2nd)_Solid State Physics A	☆B_2nd(1st)_C Programming (3) ☆C_4th(3rd)_Solid State Physics B ★C_2nd(1st)_Laboratory for Advanced Science and Engineering A ♠	★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 ♠	★C_3rd(2nd)_Thermal Physics
夏Q	★B_2nd(1st)_Vector Calculus (1) C_M(EE)_3rd(2nd)_Power Systems Engineering ♠	☆C_3rd(2nd)_Solid State Physics A ★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_4th(3rd)_Solid State Physics B	★C_2nd(1st)_Laboratory for Advanced Science and Engineering B ♠	★C_2nd(1st)_Laboratory for Advanced Science and Engineering B ♠ C_M(EE)_3rd(2nd)_Control Systems ♠	★C_3rd(2nd)_Thermal Physics
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 Physics: Course Timetable for **Fall 2020**

Fall	1st Period (9:00-10:30)	2nd Period (10:40-12:10)	3rd Period (13:00-14:30)	4th Period (14:45-16:15)	5th Period (16:30-18:00)	6th Period (18:15-19:45)
	Course name	Course name	Course name	Course name	Course name	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)	☆B_1st_Introduction to C Programming (4) ☆B_1st_Introduction to C Programming (3) ☆C_3rd_Physical Chemistry Laboratory	☆B_1st(2nd)_C Programming (1) ☆C_3rd_Physical Chemistry Laboratory ★C_2nd_Current Topics in Physics	★B_1st_Introduction to Probability and Statistics (2) ★C_2nd_Mathematical Methods for Physics A ☆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)	☆B_1st_Introduction to C Programming (4) ☆B_1st_Introduction to C Programming (3) ☆C_3rd_Physical Chemistry Laboratory	☆B_1st(2nd)_C Programming (1) ★C_2nd_Current Topics in Physics ☆C_3rd_Physical Chemistry Laboratory	★B_1st_General Physics B: Waves, Optics, and Thermodynamics ☆C_3rd_Physical Chemistry Laboratory ★C_2nd_Mathematical Methods for Physics A	☆C_3rd_Research Design and Analysis
Tue. **秋Q**	★B_1st_Calculus A (2) ☆C_3rd_Diversity and Multiculturalism in Research	★B_2nd_Ordinary Differential Equations (2) (2nd year and above class)	☆C_3rd_Engineering Physics 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_3rd_Diversity and Multiculturalism in Research		☆C_3rd_Engineering Physics 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_2nd_Intermediate Electromagnetism	★B_1st_Calculus A (2) ☆C_2nd_Problem Solving in Fundamental Physics B C_M(EE)_3rd_Advanced Electric Power Devices and Machines ♠	★B_1st_General Physics A: Mechanics (2) ☆C_3rd_Seminar on Problem Solving	★C_2nd_Intermediate Mechanics ☆C_3rd_Seminar on Problem Solving	☆C_3rd_Quantum Mechanics B
冬Q	☆A_1st_Japanese 1 (2) ☆A_1st_Japanese 1 (1) ☆B_2nd_Fortran Programming	★C_2nd_Intermediate Electromagnetism	★B_1st_Calculus B (2) ☆C_2nd_Problem Solving in Fundamental Physics B C_M(EE)_3rd_Advanced Electric Power Devices and Machines ♠	☆C_3rd_Seminar on Problem Solving	★C_2nd_Intermediate Mechanics ☆C_3rd_Seminar on Problem Solving	☆C_3rd_Quantum Mechanics B
Thu. **秋Q**	★B_1st_General Physics A: Mechanics (2) ★C_3rd_Statistical Mechanics	★A_1st_Academic Study Skills A (4) ★B_2nd_Vector Calculus (2) (2nd year and above class) ☆C_3rd_Physics Laboratory	★B_1st_Introduction to Probability and Statistics (2) ☆C_3rd_Physics Laboratory	★B_2nd_Ordinary Differential Equations (2) (2nd year and above class) ☆C_3rd_Physics Laboratory	☆B_1st_General Chemistry A (2) C_M(EE)_3rd_Physics of Semiconductor Devices 1 ♠	
冬Q	★B_1st_Linear Algebra A (2) ★C_3rd_Statistical Mechanics	★A_1st_Academic Study Skills B (4) ☆C_3rd_Physics Laboratory	★B_1st_General Physics B: Waves, Optics, and Thermodynamics ☆C_3rd_Physics Laboratory	☆C_3rd_Physics Laboratory	☆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	★B_1st_Science and Engineering Laboratory ☆B_2nd_Java Programming	★B_1st_Science and Engineering Laboratory	★B_1st_Science and Engineering Laboratory 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	★B_1st_Science and Engineering Laboratory ☆B_2nd_Java Programming	★B_1st_Science and Engineering Laboratory	★B_1st_Science and Engineering Laboratory 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)

Course name
C_M(EE)_3rd(2nd)_Frontiers of Device Engineering

Intensive courses (Fall)

Course name
C_3rd_Field Work in Research Institution and Industry
C_M(EE)_2nd_Introduction to Computational Physics