

## Major in Mathematical Sciences: Course Timetable for Spring 2020

Updated as of Dec. 24 2019

Sprin	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_4th(3rd)_Advanced Topic in Modern Mathematical Sciences 3 ☆C_2nd_Fundamentals of Programming ◆	★C_2nd(1st)_Survey of Modern Mathematical Sciences B C_4th(3rd)_Advanced Topic in Modern Mathematical Sciences 3	★A_1st_Laboratory English A (3) ★B_2nd(1st)_C Programming (2) ◆ C_4th(3rd)_Geometry B1 ☆C_M(MS)_3rd(2nd)_Algebra A	☆B_1st_Introduction to C Programming (1) ☆B_1st_Introduction to C Programming (2) C_M(AMAE)_3rd(2nd)_Fluid Mechanics A	★B_2nd(1st)_Linear Algebra B (1) ◆	
夏Q		B_2nd(1st)_Mind Biology	★A_1st_Laboratory English B (3) ★B_2nd(1st)_C Programming (2) ◆ C_4th(3rd)_Geometry B1 ☆C_M(MS)_3rd(2nd)_Algebra A	☆B_1st_Introduction to C Programming (1) ☆B_1st_Introduction to C Programming (2) C_M(AMAE)_3rd(2nd)_Fluid Mechanics B C_M(PE)_3rd(2nd)_Thermodynamics	★B_1st_Introduction to Probability and Statistics (1) ◆	
Tue. 春Q	★A_1st_Academic English A (1) ★C_M(MS)_3rd(2nd)_Foundations of Numerical Analysis	B_1st_Introduction to Bioscience (1) ★C_M(MS)_3rd(2nd)_Exercises in Numerical Analysis	★B_2nd(1st)_Linear Algebra B (1) ◆ ☆C_M(MS)_3rd(2nd)_Differential Equations A C_4th(3rd)_Advanced Statistics ◆	★A_1st_Academic Fundamentals A ★B_2nd(1st)_Introduction to Fortran Programming C_4th(3rd)_Advanced Numerical Analysis	★A_1st_Academic Fundamentals C ☆C_M(MS)_3rd(2nd)_Measure Theory	
夏Q	★A_1st_Academic English B (1) B_2nd(1st)_Mind Biology ★C_M(MS)_3rd(2nd)_Foundations of Numerical Analysis	★C_M(MS)_3rd(2nd)_Exercises in Numerical Analysis	C_4th(3rd)_Advanced Statistics ◆ ☆C_M(MS)_3rd(2nd)_Differential Equations A	★A_1st_Academic Fundamentals B ☆B_2nd(1st)_Introduction to Fortran Programming C_M(PE)_3rd(2nd)_Quantum Mechanics C_4th(3rd)_Advanced Numerical Analysis	★A_1st_Academic Fundamentals D ☆C_M(MS)_3rd(2nd)_Measure Theory	
Wed. 春Q	B_1st_Introduction to Bioscience (1) C_4th(3rd)_Applied Mathematics ★C_M(MS)_2nd(1st)_Foundations of Set Theory	★C_M(MS)_2nd(1st)_Foundations of Set Theory	★B_2nd(1st)_Calculus C (1) ◆ C_4th(3rd)_Algebra B1	★B_2nd(1st)_General Physics C: Electromagnetism (1) C_4th(3rd)_Stochastic Processes	★A_1st_Academic English A (1) ☆C_2nd_Fundamentals of Programming ◆ ★C_M(CSCE)_2nd_Information Theory	☆B_2nd(1st)_Introduction to Java Programming
夏Q	★B_2nd(1st)_Ordinary Differential Equations (1) C_4th(3rd)_Applied Mathematics		★B_2nd(1st)_Vector Calculus (1) C_4th(3rd)_Algebra B1	★B_1st_Introduction to Probability and Statistics (1) ◆ C_4th(3rd)_Stochastic Processes	★A_1st_Academic English B (1) ★C_M(CSCE)_2nd_Information Theory	☆B_2nd(1st)_Introduction to Java Programming
Thu. 春Q	★C_M(MS)_3rd(2nd)_Foundations of Analysis 2	★B_2nd(1st)_General Physics C: Electromagnetism (1)		★A_1st_Academic Fundamentals A ★A_1st_Japanese 2 (1) ◆ ★A_1st_Japanese 2 (2) ◆	★A_1st_Academic Fundamentals C	
夏Q	★C_M(MS)_3rd(2nd)_Foundations of Analysis 2	★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	
Fri. 春Q	★B_2nd(1st)_Calculus C (1) ◆	★A_1st_Laboratory English A (3) ☆C_M(MS)_3rd(2nd)_Geometry A	★B_2nd(1st)_C Programming (3) ◆ C_4th(3rd)_Applied Probability C_M(AMAE)_3rd(2nd)_Dynamics A	C_4th(3rd)_Functional Analysis B ★C_M(MS)_3rd(2nd)_Functional Analysis A	★C_M(MS)_3rd(2nd)_Foundations of Statistics A C_4th_Geometry B2	
夏Q	★B_2nd(1st)_Vector Calculus (1)	★A_1st_Laboratory English B (3) ☆C_M(MS)_3rd(2nd)_Geometry A	★B_2nd(1st)_C Programming (3) ◆ C_4th(3rd)_Applied Probability C_M(AMAE)_3rd(2nd)_Dynamics B	C_4th(3rd)_Functional Analysis B ☆C_M(MS)_3rd(2nd)_Functional Analysis A	★C_M(MS)_3rd(2nd)_Foundations of Statistics A C_4th_Geometry B2	
Sat. 春Q						
夏Q						

## Major in Mathematical Sciences: 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 (1) ★B_2nd_Vector Calculus (2) (2nd year and above class) C_4th_Advanced Topic in Modern Mathematical Sciences 4	C_4th_Advanced Topic in Modern Mathematical Sciences 4 ★C_3rd_Advanced Topic in Modern Mathematical Sciences 1	★B_1st_Introduction to C Programming (3) ◆ ★B_1st_Introduction to C Programming (4) ◆ ★C_M(MS)_2nd_Foundations of Algebra B	★B_1st(2nd)_C Programming (1) C_4th_Scientific Simulation C_M(PE)_3rd_Quantum Chemistry	★B_1st_Introduction to Probability and Statistics (2) ◆ C_M(PE)_2nd_Circuit Theory A ☆C_M(MS)_3rd_Mathematical Statistics ★C_M(MS)_2nd_Foundations of Analysis 1	
冬Q	B_1st_General Chemistry B (1) C_4th_Advanced Topic in Modern Mathematical Sciences 5	★C_1st_Survey of Modern Mathematical Sciences A C_3rd_Advanced Topic in Modern Mathematical Sciences 2 C_4th_Advanced Topic in Modern Mathematical Sciences 5	★B_1st_Introduction to C Programming (4) ◆ ★B_1st_Introduction to C Programming (3) ◆ ★C_M(MS)_2nd_Foundations of Algebra B	★B_1st(2nd)_C Programming (1) C_4th_Scientific Simulation	B_1st_General Physics B: Waves, Optics, and Thermodynamics C_M(PE)_2nd_Circuit Theory B ★C_M(MS)_2nd_Foundations of Analysis 1 ☆C_M(MS)_3rd_Mathematical Statistics	
Tue. 秋Q	★B_1st_Calculus A (2) ◆	★B_1st_General Chemistry A (1) ★B_2nd_Ordinary Differential Equations (2) (2nd year and above class)		★B_2nd_Complex Analysis ☆C_M(MS)_3rd_Numerical Analysis and Simulation C_M(CSCE)_3rd_Information Mathematics	★B_1st_General Physics A: Mechanics (2) C_4th_Mathematical Physics C_M(PE)_3rd_Statistical Mechanics	
冬Q	★B_1st_Calculus B (2) ◆	B_1st_General Chemistry B (1)		★B_2nd_Fourier Analysis ☆C_M(MS)_3rd_Numerical Analysis and Simulation C_M(CSCE)_3rd_Information Mathematics	★B_1st_Linear Algebra A (2) ◆ C_4th_Mathematical Physics	
Wed. 秋Q	☆A_1st_Japanese 1 (1) ◆ ☆A_1st_Japanese 1 (2) ◆ B_2nd_Fortran Programming ★C_M(MS)_2nd_Foundations of Geometry	★C_M(MS)_2nd_Exercises in Geometry	★B_1st_Calculus A (2) ◆ ★C_M(MS)_2nd_Foundations of Algebra A	★B_1st_General Physics A: Mechanics (2)	★A_1st_Academic Study Skills A (3) C_M(PE)_2nd_Electromagnetism A C_3rd_Advanced Analysis	
冬Q	☆A_1st_Japanese 1 (2) ◆ ☆A_1st_Japanese 1 (1) ◆ B_2nd_Fortran Programming ★C_M(MS)_2nd_Foundations of Geometry	★C_M(MS)_2nd_Exercises in Geometry	★B_1st_Calculus B (2) ◆ ★C_M(MS)_2nd_Foundations of Algebra A		★A_1st_Academic Study Skills B (3) C_M(PE)_2nd_Electromagnetism B C_3rd_Advanced Analysis	
Thu. 秋Q	★B_1st_General Physics A: Mechanics (2)	★B_2nd_Vector Calculus (2) (2nd year and above class)	★B_1st_Introduction to Probability and Statistics (2) ◆ ☆C_M(MS)_3rd_Applied Statistics ◆	★A_1st_Academic Study Skills A (3) ★B_2nd_Ordinary Differential Equations (2) (2nd year and above class)		
冬Q	★B_1st_Linear Algebra A (2) ◆		B_1st_General Physics B: Waves, Optics, and Thermodynamics ☆C_M(MS)_3rd_Applied Statistics ◆	★A_1st_Academic Study Skills B (3)		
Fri. 秋Q	★B_2nd_Complex Analysis	★B_1st_Science and Engineering Laboratory B_2nd_Java Programming ☆C_M(MS)_3rd_Time Series Analysis C_4th_Algebra B2	★B_1st_Science and Engineering Laboratory	★B_1st_Science and Engineering Laboratory ☆C_M(MS)_2nd_Foundations of Analysis 3	★B_1st_Science and Engineering Laboratory ★C_M(MS)_3rd_Foundations of Statistics B	
冬Q	★B_2nd_Fourier Analysis	★B_1st_Science and Engineering Laboratory B_2nd_Java Programming C_4th_Algebra B2 ☆C_M(MS)_3rd_Time Series Analysis	★B_1st_Science and Engineering Laboratory	★B_1st_Science and Engineering Laboratory ☆C_M(MS)_2nd_Foundations of Analysis 3	★B_1st_Science and Engineering Laboratory ★C_M(MS)_3rd_Foundations of Statistics B	
Sat. 秋Q						
冬Q						

### 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