

Major in Civil and Environmental Engineering: 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	★A_1st_Laboratory English A (2) C_3rd(2nd)_Resources Separation and Refining	★B_1st_Introduction to Bioscience (2) C_3rd(2nd)_Advanced Earth and Environmental Engineering 1	B_2nd(1st)_C Programming (2) C_3rd(2nd)_Introduction to Reservoir Simulation C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry C_3rd(2nd)_Fundamentals of Aquatic Chemistry	☆B_1st_Introduction to C Programming (1) ☆B_1st_Introduction to C Programming (2) ★C_1st_Laboratory Work on Civil and Environmental Engineering ★C_3rd_Laboratory Work on Hydraulics and Water Quality C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry	★C_3rd_Laboratory Work on Hydraulics and Water Quality ★C_1st_Laboratory Work on Civil and Environmental Engineering	
夏Q	★A_1st_Laboratory English B (2) C_3rd(2nd)_Resources Separation and Refining	B_2nd(1st)_Mind Biology	B_2nd(1st)_C Programming (2) C_3rd(2nd)_Fundamentals of Aquatic Chemistry C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry C_3rd(2nd)_Introduction to Reservoir Simulation	☆B_1st_Introduction to C Programming (1) ☆B_1st_Introduction to C Programming (2) ★C_1st_Laboratory Work on Civil and Environmental Engineering ★C_3rd_Laboratory Work on Hydraulics and Water Quality C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry	B_1st_Introduction to Probability and Statistics (1) ★C_3rd_Laboratory Work on Hydraulics and Water Quality ★C_1st_Laboratory Work on Civil and Environmental Engineering C_3rd(2nd)_Advanced Earth and Environmental Engineering 2	
Tue. 春Q	★B_2nd(1st)_General Physics C: Electromagnetism (2) C_4th(3rd)_Computer Aided Design (CAD)	★C_3rd(2nd)_Fundamentals of Urban Studies and Planning B ★C_1st_Surveying	★A_1st_Academic English A (2)	★A_1st_Academic Fundamentals A ☆B_2nd(1st)_Introduction to Fortran Programming C_3rd_Steel Material and Structure ♣ C_4th(3rd)_Environmental Geotechnics	★A_1st_Academic Fundamentals C ★C_3rd(2nd)_Materials and Structures B C_2nd(1st)_Environmental Instrumental Analysis	
夏Q	B_2nd(1st)_Mind Biology C_4th(3rd)_Computer Aided Design (CAD)	★C_3rd(2nd)_Fundamentals of Urban Studies and Planning B ★C_1st_Surveying	★A_1st_Academic English B (2)	★A_1st_Academic Fundamentals B ☆B_2nd(1st)_Introduction to Fortran Programming C_4th(3rd)_Environmental Geotechnics C_3rd_Steel Material and Structure ♣	★A_1st_Academic Fundamentals D C_2nd(1st)_Environmental Instrumental Analysis ★C_3rd(2nd)_Materials and Structures B	
Wed. 春Q	★B_2nd(1st)_Linear Algebra B (2)	★B_2nd(1st)_Calculus C (2) C_2nd(1st)_Introduction to Applied Geophysics C_4th(3rd)_Advanced Topics in Architectural Design and Engineering A ♣	★C_1st_Surveying Practice ★C_3rd(2nd)_Hydraulics B	★C_1st_Surveying Practice C_2nd_Civil Engineering, Management and Sustainability	★C_2nd(1st)_Structural Mechanics ♣	☆B_2nd(1st)_Introduction to Java Programming
夏Q	B_2nd(1st)_Ordinary Differential Equations (1)	C_2nd(1st)_Introduction to Applied Geophysics C_4th(3rd)_Advanced Topics in Architectural Design and Engineering A ♣	B_2nd(1st)_Vector Calculus (1) ★C_1st_Surveying Practice ★C_3rd(2nd)_Hydraulics B	B_1st_Introduction to Probability and Statistics (1) ★C_1st_Surveying Practice C_2nd_Civil Engineering, Management and Sustainability		☆B_2nd(1st)_Introduction to Java Programming
Thu. 春Q	★B_2nd(1st)_Calculus C (2)	★A_1st_Academic English A (2)	★B_2nd(1st)_Linear Algebra B (2) C_4th(3rd)_Bridge Engineering	★A_1st_Academic Fundamentals A ☆A_1st_Japanese 2 (1) ☆A_1st_Japanese 2 (2) C_3rd(2nd)_Water Quality Engineering	★A_1st_Academic Fundamentals C ★B_2nd(1st)_General Physics C: Electromagnetism (2)	★C_3rd(2nd)_Geotechnical Engineering
夏Q		★A_1st_Academic English B (2) B_2nd(1st)_Ordinary Differential Equations (1)	C_4th(3rd)_Bridge Engineering	★A_1st_Academic Fundamentals B ☆A_1st_Japanese 2 (1) ☆A_1st_Japanese 2 (2) C_3rd(2nd)_Water Quality Engineering	★A_1st_Academic Fundamentals D	★C_3rd(2nd)_Geotechnical Engineering
Fri. 春Q	★B_1st_Introduction to Bioscience (2)	★A_1st_Laboratory English A (2) C_3rd(2nd)_Rock Mechanics	B_2nd(1st)_C Programming (3) C_2nd(1st)_Introduction to Earth and Environmental Engineering C_3rd(2nd)_Structure Design Practice	★B_2nd(1st)_General Physics C: Electromagnetism (2) C_3rd(2nd)_Laboratory Work on Resources and Environmental Engineering A ★C_3rd_Laboratory Work on Concrete	★C_3rd_Laboratory Work on Concrete C_4th(3rd)_International Development and Planning C_3rd(2nd)_Laboratory Work on Resources and Environmental Engineering A ★C_2nd(1st)_Structural Mechanics ♣	
夏Q	B_2nd(1st)_Vector Calculus (1)	★A_1st_Laboratory English B (2) C_3rd(2nd)_Rock Mechanics	B_2nd(1st)_C Programming (3) C_3rd(2nd)_Structure Design Practice C_2nd(1st)_Introduction to Earth and Environmental Engineering	C_3rd(2nd)_Laboratory Work on Resources and Environmental Engineering A ★C_3rd_Laboratory Work on Concrete	C_3rd(2nd)_Laboratory Work on Resources and Environmental Engineering A C_4th(3rd)_International Development and Planning ★C_3rd_Laboratory Work on Concrete	
Sat. 春Q	★C_2nd(1st)_SHIP Research Planning and Skill A	★C_2nd(1st)_SHIP Research Planning and Skill A				
夏Q						

Major in Civil and Environmental Engineering: 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	★A_1st_Academic Study Skills A (1) B_2nd_Vector Calculus (2) (2nd year and above class) C_3rd_Coastal and Port Engineering	★B_1st_Calculus A (1) ★C_2nd_Applied Mathematics for Civil and Environmental Engineers C_3rd_Advanced Earth and Environmental Engineering 3	☆B_1st_Introduction to C Programming (4) ☆B_1st_Introduction to C Programming (3) C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry	B_1st(2nd)_C Programming (1) C_3rd_Numerical Rock Mechanics ★C_3rd_Laboratory Work on Soil Mechanics C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry	B_1st_Introduction to Probability and Statistics (2) ★C_1st_Introduction to Civil and Environmental Engineering ★C_3rd_Laboratory Work on Soil Mechanics	
冬Q	★A_1st_Academic Study Skills B (1)	★B_1st_Calculus B (1) ★C_2nd_Applied Mathematics for Civil and Environmental Engineers	☆B_1st_Introduction to C Programming (4) ☆B_1st_Introduction to C Programming (3) C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry	B_1st(2nd)_C Programming (1) C_3rd_Numerical Rock Mechanics ★C_3rd_Laboratory Work on Soil Mechanics C_2nd_Laboratory Work on Basic Inorganic and Analytical Chemistry	B_1st_General Physics B: Waves, Optics, and Thermodynamics ★C_3rd_Laboratory Work on Soil Mechanics ★C_1st_Introduction to Civil and Environmental Engineering	
Tue. 秋Q	★B_1st_General Chemistry A (3)	★A_1st_Academic Study Skills A (1) B_2nd_Ordinary Differential Equations (2) (2nd year and above class)	★C_1st(2nd)_Spatial Information and Intelligent System	★B_1st_General Physics A: Mechanics (1) B_2nd_Complex Analysis	C_3rd_Resources Processing Engineering ★C_2nd_Environmental Engineering	
冬Q	★B_1st_General Chemistry B (3)	★A_1st_Academic Study Skills B (1)	★C_1st(2nd)_Spatial Information and Intelligent System	B_2nd_Fourier Analysis ★B_1st_Linear Algebra A (1)	C_3rd_Resources Processing Engineering ★C_2nd_Environmental Engineering	
Wed. 秋Q	☆A_1st_Japanese 1 (1) ☆A_1st_Japanese 1 (2) ★B_2nd_Fortran Programming	C_4th_Advanced Topics in Architectural Design and Engineering B ♣	★C_1st(2nd)_Spatial Information Practice	★C_1st(2nd)_Spatial Information Practice C_2nd_Introduction to Petroleum Engineering	★B_1st_Calculus A (1) ★C_2nd_Hydraulics A	★C_2nd_Soil Mechanics
冬Q	☆A_1st_Japanese 1 (1) ☆A_1st_Japanese 1 (2) ★B_2nd_Fortran Programming	C_4th_Advanced Topics in Architectural Design and Engineering B ♣	★C_1st(2nd)_Spatial Information Practice	★C_1st(2nd)_Spatial Information Practice C_2nd_Introduction to Petroleum Engineering	★B_1st_Calculus B (1) ★C_2nd_Hydraulics A	★C_2nd_Soil Mechanics
Thu. 秋Q	C_2nd_Introduction to Resources Recycling Engineering	B_2nd_Vector Calculus (2) (2nd year and above class)	B_1st_Introduction to Probability and Statistics (2) ★C_2nd_Materials and Structures A	★B_1st_General Chemistry A (3) B_2nd_Ordinary Differential Equations (2) (2nd year and above class)	★B_1st_General Physics A: Mechanics (1) ★C_2nd_Fundamentals of Urban Studies and Planning A ★C_3rd_Concrete Engineering	
冬Q	C_2nd_Introduction to Resources Recycling Engineering		B_1st_General Physics B: Waves, Optics, and Thermodynamics ★C_2nd_Materials and Structures A	★B_1st_General Chemistry B (3)	★B_1st_Linear Algebra A (1) ★C_3rd_Concrete Engineering ★C_2nd_Fundamentals of Urban Studies and Planning A	
Fri. 秋Q	★B_1st_General Physics A: Mechanics (1) 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_3rd_Laboratory Work on Resources and Environmental Engineering B	★B_1st_Science and Engineering Laboratory ★C_3rd_Laboratory Work on Structures C_3rd_Laboratory Work on Resources and Environmental Engineering B	
冬Q	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_3rd_Laboratory Work on Resources and Environmental Engineering B	★B_1st_Science and Engineering Laboratory C_3rd_Laboratory Work on Resources and Environmental Engineering B	
Sat. 秋Q	★C_1st_SHIP Collaborative Workshop	★C_1st_SHIP Collaborative Workshop				
冬Q	★C_2nd_SHIP Research Planning and Skill B	★C_2nd_SHIP Research Planning and Skill 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	Intensive courses (Fall)	Course name
	★C_2nd(1st)_SHIP Field Practice A		C_4th_Energy Geotechnics ★C_2nd_SHIP Field Practice B