Ehime University, Faculty of Science

Bachelor Courses Offered in English

As of September 2025

Some (but not many) of the courses are offered in English on demand. Below are examples of such courses. Some of the courses have particular entry requirements. (Please contact us for details).

Common to the Faculty of Science

-Advanced Seminar I (2 credits, 4th year, Spring or Fall Semester) *
-Advanced Seminar II (same as above) *
-Scientific Research (4 credits, 4th year, Spring or Fall Semester) *
-Advanced Research I (6 credits, 4th year, Spring or Fall Semester) *
-Advanced Research II (8 credits, 4th year, Spring or Fall Semester) *
-Science Communication Program IIB (2 credits, 2nd year or above, Fall Semester)
-Science Communication Program IIIB (2 credits, 3rd year or above, Spring or Fall Semester)

Mathematics (Mathematical Sciences)

-Probability and Statistics I (4 credits, 2nd year or above, Spring Semester)
-Information Processing I (2 credits, 2nd year or above, Spring Semester)
-Probability and Statistics II (3 credits, 2nd year or above, Fall Semester)
-Seminar in Mathematical Sciences A (2 credits, 3rd year or above, Spring Semester)
-Seminar in Mathematical Sciences B (2 credits, 3rd year or above, Fall Semester)
-Algebra V (2 credits, 4th year, Spring or Fall Semester)
-Geometry III (same as above)
-Topology III (same as above)
-Analysis V (same as above)
-Machine Learning A (1 credit, 4th year, Spring or Fall Semester)
-Machine Learning B (same as above)

If the duration of the bachelor's program at your home university is three years, please replace "3rd year" and "4th year" above by "2nd year" and "3rd year", respectively.

Seminar in Mathematical Sciences B is carried out in small groups of students studying a given topic with a particular professor. Topics vary, but usually include Number theory, Group theory, Coarse geometry, Dynamical systems, General and set-theoretic topology, Set theory, Functional analysis, Differential equations, Probability, Statistics and actuarial science, Computational methods in mathematics, Applied mathematics, and Mathematics in design.

Physics

-Statistical and Thermal Physics V (2 credits, 3rd year or above, Fall Semester)
-Statistical and Thermal Physics VI (2 credits, 3rd year or above, Fall Semester)

Chemistry

-Biological Chemistry III (1 credit, 3rd year or above, Fall Semester)

-Seminar in Chemistry (2 credits, 3rd year or above, Fall Semester)

Biology

-Research in Biology (6 credits, 3rd year or above, Fall Semester)**

-Seminar in life and environmental science II (2 credits, 3rd year or above, Fall Semester)

Earth Sciences

-Research in Earth Sciences (6 credits, 3rd year or above, Fall Semester)**

-Advanced Geophysics (2 credits, 3rd year or above, Fall Semester)

-Advanced Petrology and Mineralogy (2 credits, 3rd year or above, Fall Semester)

-Advanced Environmental Earth Sciences (2 credits, 3rd year or above, Fall Semester)

-Field Excursion of Geology I (2 credits, 2nd year or above, Spring Semester) 3days course

-Field Excursion of Geology II (2 credits, 2nd year or above, Fall Semester) 1dayx2 course

Prerequisites for Courses with Asterisks (*):

1) You should be in the final year of undergraduate studies.
2) You should have sufficient background knowledge in the Advanced Research topic selected by you. Please submit an official transcript from your home institution. An online interview may be necessary in order to verify that you meet these prerequisites.
3) You should choose and enroll in one of the courses. During enrollment, you should receive guidance from the instructor on the topic of "Ethics on Scientific Research".

Prerequisites for Courses with Asterisks (**):

1) You could not choose Research in Biology and Research in Earth Sciences together, choose either one.