

The Outline of Frontier Research in Applied Sciences Bldg.



Place: Hokkaido University Sapporo Campus, N13 W8, Kita-ku, Sapporo

Construction: 1 basement and 7 over-ground floors besides a penthouse made in SRC

Bldg. Area: 1,752 square meters

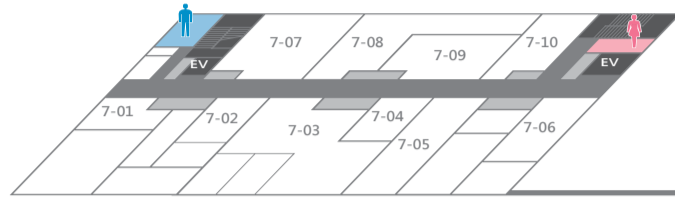
Total Floor Area: 10,558 square meters

School of Engineering dates back to 1924 when 4 departments in Civil Engineering, Mine Engineering, Mechanical Engineering and Electrical Engineering were established, and with its 90 years history, it has reformed the educational system and maintained the research environment to comprise the current Faculty, Graduate School and School of Engineering and (a part of) Graduate School of Chemical Sciences and Engineering.

During this period, Prof. Emer. Akira SUZUKI (ex-professor at School of Engineering) was awarded Nobel Prize in Chemistry in October 2010, for his remarkable research on 'palladium-catalysed cross couplings in organic synthesis' to innovative progress in synthetic organic chemistry.

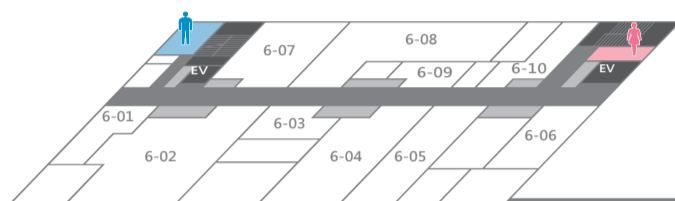
In order to train the successors of this achievement, 'Frontier Research in Applied Sciences Bldg.' was built in the engineering building complex, HU in March 2014. This educational and research hub was formed to lead the further development of the field of material science in Japan, as the synthesis of advanced chemistry, applied physics and environmental engineering.

FLOOR MAP



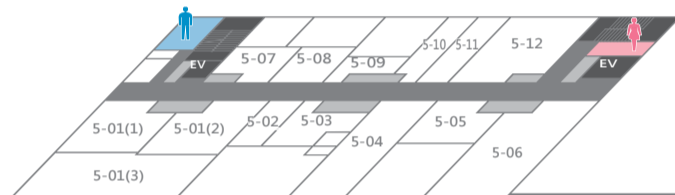
- 7-01 Atmospheric Environ. Exp. Rm.
- 7-02 Atmospheric Environ. Lab.
- 7-03/04 Engg. on Sustainable Sanitation
- 7-05/06 Lab. of Solid Waste Disposal Engg.
- 7-07 Environ. Engg. Collabo. Lab. 2
- 7-08 Environ. Engg. Analysis Rm.
- 7-09 Environ. Sample Rm.
- 7-10 Rm. for Analysis of Trace-level Compounds in Environ.

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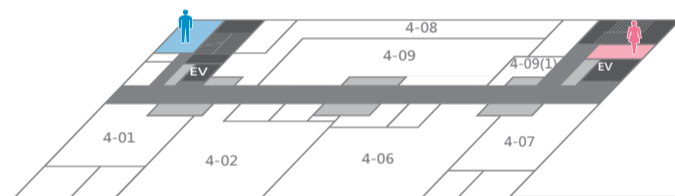
- 6-01/02 Aquatic Environ. Protection Engg.
- 6-03 Indoor Environ. Research Lab.
- 6-04 Environ. Ergonomics Lab.
- 6-05/06 Environ. System Research Lab.
- 6-07/08 Water Quality Control Lab.
- 6-09 Environ. Engg. Analysis Rm.
- 6-10 Environ. Microbiology Analysis Rm.

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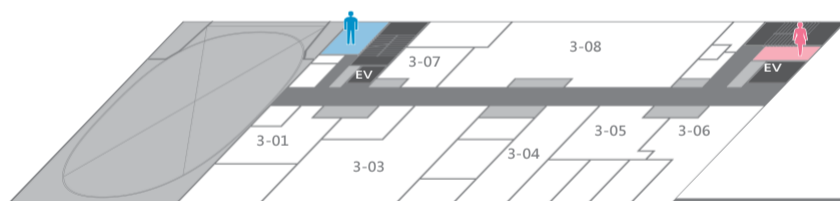
- 5-01(1)(3) FCC Lab. C
- 5-01(2) FCC Lab. C
- 5-02/03 FCC Lab. B
- 5-04 FCC Lab B
- 5-05/06 Environ. Engg. Collab. Lab. 1
- 5-07/08 FCC Lab. C
- 5-09 FCC Lab. B
- 5-10/11 FCC Staff Office
- 5-12 Meeting Rm. 2

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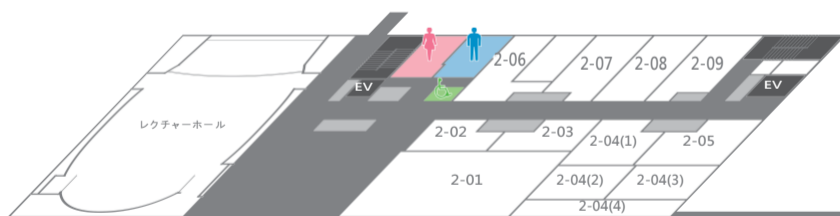
- 4-01/02 Lab. of Organic Reaction
- 4-06/07 Lab. of Organic Synthesis
- 4-08/09 Lab. of Organoelement Chem.
- 4-09(1) NMR Rm.

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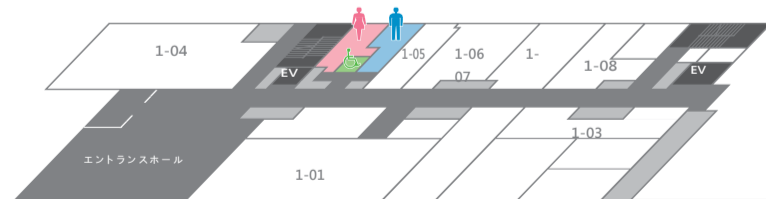
- 3-01 Crystal Physics
- 3-03 Biophysics
- 3-04 Soft Matter Lab. Exp. Rm. II
- 3-05 Soft Matter Lab. Exp. Rm. I
- 3-06 Soft Matter Lab.
- 3-07 Meeting Rm. 1
- 3-08 The High Brilliance X-ray Lab. 1

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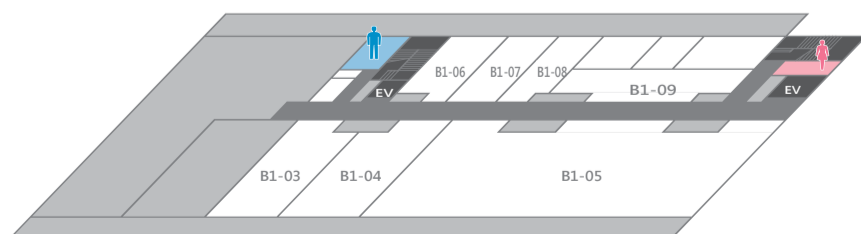
- 2-01 Seminar Rm. 2
- 2-02 Bldg. Manager Office
- 2-03 Organoelement Instrument Rm.
- 2-04 FCC Lab. A
- 2-05 FCC Seminar Rm.
- 2-06 FCC Office
- 2-07 FCC Meeting Rm.
- 2-08 Research Advancement Rm.
- 2-09 Research Rm.

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- 1-01 Seminar Rm. 1
- 1-03 Open Usage of Advanced Equipment
- 1-04 NMR Rm.
- 1-05 Workshop of Applied Physics
- 1-06 Biophysics
- 1-07 Soft Matter Lab. Exp. Rm. III
- 1-08 Lab. of Laser Spectroscopy

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- B1-03 H₂O Science Lab.
- B1-04 The High Brilliance X-ray Lab. 2
- B1-05 Lab. of Nonlinear Optics & Laser Physics, Ultrafast Quantum Optics, & Laser Spectroscopy
- B1-06 Lab. B
- B1-07 Lab. A
- B1-08 Lab. of Nonlinear Optics & Laser Physics
- B1-09 Crystal Physics Lab.

B1F