

SCHOOL OF SCIENCE

Degrees Offered in the School of Science

Biology (Course 7)

SB	Biology
PhD	Biology
PhD	Biochemistry
PhD	Biological Oceanography (jointly offered with WHOI)
PhD	Biophysical Chemistry and Molecular Structure
PhD	Cell Biology
PhD	Computational and Systems Biology
PhD	Developmental Biology
PhD	Genetics
PhD	Immunology
PhD	Microbiology
PhD	Molecular Biology
PhD	Neurobiology

Brain and Cognitive Sciences (Course 9)

SB	Brain and Cognitive Sciences
PhD	Cognitive Science
PhD	Cognitive Science and Statistics ¹
PhD	Neuroscience
PhD	Neuroscience and Statistics ¹

Chemistry (Course 5)

SB	Chemistry
PhD, ScD	Chemistry

Chemistry and Biology (Course 5-7)

SB	Chemistry and Biology ¹
----	------------------------------------

Climate System Science and Engineering (Course 1-12)

SB	Climate System Science and Engineering ¹
----	---

Computation and Cognition (Course 6-9)

SB	Computation and Cognition ¹
MEng	Computation and Cognition ¹

Computational and Systems Biology

PhD	Computational and Systems Biology ¹
-----	--

Computational Science and Engineering

SM	Computational Science and Engineering ¹
PhD, ScD	Aerospace Engineering and Computational Science ^{1 2}
PhD, ScD	Chemical Engineering and Computation ¹
PhD, ScD	Civil Engineering and Computation ¹

PhD, ScD	Computational Earth, Science and Planetary Sciences ¹
----------	--

PhD, ScD	Computational Materials Science and Engineering ¹
----------	--

PhD, ScD	Computational Nuclear Science and Engineering ¹
----------	--

PhD, ScD	Environmental Engineering and Computation ¹
----------	--

PhD, ScD	Mathematics and Computational Science ¹
----------	--

PhD, ScD	Mechanical Engineering and Computation ¹
----------	---

PhD, ScD	Nuclear Engineering and Computation ¹
----------	--

Computer Science and Molecular Biology (Course 6-7P)

MEng	Computer Science and Molecular Biology ¹
------	---

Earth, Atmospheric, and Planetary Sciences (Course 12)

SB	Earth, Atmospheric, and Planetary Sciences
----	--

SM	Atmospheric Science
----	---------------------

SM	Chemical Oceanography (jointly offered with WHOI)
----	---

SM	Climate Science
----	-----------------

SM	Earth and Planetary Sciences
----	------------------------------

SM	Marine Geology and Geophysics (jointly offered with WHOI)
----	---

SM	Physical Oceanography (jointly offered with WHOI)
----	---

PhD, ScD	Atmospheric Chemistry
----------	-----------------------

PhD, ScD	Atmospheric Science
----------	---------------------

PhD, ScD	Biological Oceanography (jointly offered with WHOI)
----------	---

PhD, ScD	Chemical Oceanography (jointly offered with WHOI)
----------	---

PhD, ScD	Climate Science
----------	-----------------

PhD, ScD	Computational Earth, Atmospheric and Planetary Sciences ¹
----------	--

PhD, ScD	Geochemistry
----------	--------------

PhD, ScD	Geology
----------	---------

PhD, ScD	Geophysics
----------	------------

PhD, ScD	Marine Geology and Geophysics (jointly offered with WHOI)
----------	---

PhD, ScD	Physical Oceanography (jointly offered with WHOI)
----------	---

PhD, ScD	Planetary Sciences
----------	--------------------

Mathematics (Course 18)

SB	Mathematics
----	-------------

SB	Mathematics with Computer Science
----	-----------------------------------

PhD, ScD	Mathematics
----------	-------------

PhD, ScD	Mathematics and Computational Science ¹
----------	--

PhD	Mathematics and Statistics ¹
-----	---

Microbiology

PhD	Microbiology ¹
-----	---------------------------

Physics (Course 8)

SB	Physics
----	---------

SM	Physics
----	---------

PhD, ScD	Physics
PhD	Physics, Statistics, and Data Science

Notes

Many departments make it possible for a graduate student to pursue a simultaneous master’s degree.

Several departments also offer undesignated degrees, which lead to the Bachelor of Science without departmental designation. The curricula for these programs offer students opportunities to pursue broader programs of study than can be accommodated within a four-year departmental program.

¹ See *Interdisciplinary Programs* (<http://catalog.mit.edu/interdisciplinary>).

² *Students who matriculated in the Department of Aeronautics and Astronautics doctoral program and the Computational Science and Engineering (CSE) doctoral program in academic year 2023–2024 or earlier can choose either PhD/ScD in Computational Science and Engineering or the PhD/ScD in Aerospace Engineering and Computational Science. AeroAstro/CSE students who matriculate in academic year 2024–2025 or later will receive the PhD/ScD in Aerospace Engineering and Computational Science.*