

Advanced Standing and AP/IB Policy

Rensselaer At a Glance

SCHOOLS

Rensselaer offers more than 100 programs at the bachelor's, master's, and doctoral levels. Undergraduates can choose from among 38 majors and more than 60 minors.

School of Architecture
School of Engineering
School of Humanities, Arts, and Social Sciences
Lally School of Management
School of Science

LOCATION

The 275-acre Rensselaer campus is located on a hill in a beautiful park-like setting, with a striking combination of traditional ivy-covered buildings and modern facilities. The campus overlooks historic downtown Troy, New York, which is located on the upper Hudson River.

For general inquiries, information, or questions, contact:

Rensselaer Polytechnic Institute
Office of Admissions
(518) 276-6216
admissions@rpi.edu

go.rpi.edu/AP-IB

The advanced standing policy at Rensselaer is designed to give recognition to college-level work prior to matriculation and to allow you to pursue your studies at a level appropriate to your preparation. If you have been granted sufficient Advanced Placement or International Baccalaureate credits in the appropriate number of subject areas, you may be eligible for advanced standing.

ADVANCED STANDING

Courses completed at other colleges may be considered for transfer credit at Rensselaer. The registrar will have courses evaluated by the appropriate departments on campus. An official transcript of grade(s) from the other college(s) must be sent to the Office of the Registrar when the course is completed. The student's file must include photocopies of course descriptions of all courses for which the student requests transfer credit consideration. No grade is given for transfer credit and it is not included in calculating the QPA. Other information on transfer credit can be found online in the Rensselaer catalog.

Transfer credit will not be given for any college courses taken while in high school if these courses were used in obtaining the high school diploma. Only a total of two courses, for a maximum of eight advanced placement and/or transfer credits, may be used toward the HASS core requirements for graduation. Only a total of two courses, for a maximum of eight transfer credits, may be used to satisfy the science core requirement. Any courses beyond two may be used toward free electives.

At Student Orientation, department representatives will be available for questions during registration.

How the credits are applied to a student's degree program depends on the student's choice of major. Students may need to complete additional course work to fulfill the specific program requirements. The student should consult with the adviser for additional details.

Entering freshmen may transfer a maximum of 32 credit hours (this includes AP/IB credits or other equivalent credits).

ADVANCED PLACEMENT

United States Government and Politics or Comparative Government and Politics

Students who achieve a grade of 4 or 5 will receive credit for STSS-1000, Social Science Elective, four credit hours.

Art History or Music Theory

Students who achieve a grade of 4 or 5 on either of these exams will not receive academic credit, but will be eligible for advanced placement in a non-entry level course.

Biology

Students who achieve a grade of 4 or 5 will receive three credits for BIOL-1010, Introduction to Biology, and one credit for BIOL-1015, Introduction to Biology Lab.

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Chemistry

Students who achieve a grade of 5 will receive eight credits for CHEM-1100, Chemistry I, and CHEM-1200, Chemistry II. For students who are not required to take Chemistry II in their curriculum, the credits for Chemistry II could be applied to a science elective or free elective. Students who achieve a grade of 4 will receive four credit hours for CHEM 1100, Chemistry I.

Engineering students who are required to take Materials Science for Engineers should register for ENGR-1600 to complete the pre-engineering chemistry/materials requirement.

Computer Science A

Students who receive a grade of 5 on the A test will receive four credits for Computer Science I (CSCI 1100).

Economics

Students who achieve a grade of 4 or 5 on both the microeconomics and macroeconomics exams receive four credit hours for ECON-1200, Introduction to Economics. Students who achieve a grade of 4 or 5 on the microeconomics exam receive 2 credits for ECON 1000, Economics Elective. Students who achieve a grade of 4 or 5 on the macroeconomics exam receive 2 credits for ECON 1000, Economics Elective.

English Language and Composition or English Literature and Composition

Students who achieve a grade of 4 or 5 will receive credit for WRIT-1000, Writing Elective, four credit hours. Credit cannot be used to satisfy the Communication Intensive Requirement.

Environmental Science

Students who receive a grade of 4 or 5 will receive credit for IENV-1000, Environmental Science Elective, four credit hours.

Foreign Languages

Students who achieve a grade of 4 or 5 will receive four credit hours for Language Elective (LANG 1000).

History

Students who achieve a grade of 4 or 5 on the United States History examination will receive four credit hours, STSH-1000 Humanities. Students who achieve a grade of 4 or 5 in European History

will receive credit for STSH-1000, Humanities Elective, four credit hours.

Human Geography

Students who achieve a grade of 4 or 5 will receive credit for STSS-1000, Social Science Elective, four credit hours.

Mathematics

Engineering and science majors who achieve a grade of 3 on the BC examination, or a grade of 4 or 5 on the AB examination, will receive four credits for Calculus I and should register for Calculus II if required by the major. Students who achieve a grade of 4 or 5 on the BC exam will receive eight credits for Calculus I and II and should register for MATH-2010 or MATH-2400 depending on the requirements of the student's major.

Architecture, HASS, and Business and Management majors who achieve a grade of 3 or better on the BC examination, or a grade of 4 or 5 on the AB examination, will receive four credits for Calculus I and take no math in the fall semester. These students enroll in MATH-1520 (Management) or MATH 1620 (Architecture and HASS) in the spring semester. Students receiving a grade of 4 or 5 on the BC exam will receive eight credit hours for Calculus I and II.

Physics

Students who achieve a grade of 4 or 5 on both the Mechanics and the Electricity and the Electricity and Magnetism part of the C examination receive eight credits for Physics I and II. Students who receive a grade of 4 or 5 on only the Mechanics part of the C examination receive four credits for Physics I. Students who achieve a grade of 4 or 5 on the Physics I: Algebra-Based examination and have received credit for Calculus I (AP credit, transfer credit, or have completed Rensselaer credit) will receive 4 credits for Physics I. No credit is awarded for the Physics II: Algebra-Based examination.

Psychology

Students who achieve a grade of 4 or 5 will receive credit for PSYC-1200, General Psychology, four credit hours.

Statistics

Students who achieve a grade of 4 or 5 will receive credit for MGMT-2100, Statistical Methods, four credit hours. Non-management majors cannot count the course as part of the Math/Science requirement. Students will not receive credit for ENGR-2600, Modeling and Analysis of Uncertainty.

Studio Art

Students who achieve a grade of 4 or 5 on either the Studio Art: 2-D or Studio Art: 3-D exams will not receive academic credit, but will be eligible for advanced placement in non-entry level courses.

THE INTERNATIONAL BACCALAUREATE (IB) HIGHER LEVEL EXAMINATIONS

Rensselaer regards the International Baccalaureate (IB) program as a rigorous advanced program of study. In general, if you earn a score of a 6 or a 7 on the IB higher level exam, you will usually be granted academic credit at Rensselaer.

The following subject areas are applicable:

School of Humanities, Arts, and Social Sciences

- Art/Design
- Classical Languages
- Economics
- English
- Foreign Languages
- History
- History of the Islamic World
- Information Technology in a Global Society
- Music
- Philosophy
- Psychology
- Social Anthropology
- Theatre Arts

School of Science

- Biology
- Chemistry
- Mathematics
- Physics

For complete information, please refer to Rensselaer's policies on the International Baccalaureate (IB) Higher Level Examinations at go.rpi.edu/AP-IB.



Rensselaer

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