The internationally recognized Illinois Mathematics and Science Academy® (IMSA) develops creative, ethical leaders in science, technology, engineering and mathematics. As a teaching and learning laboratory created by the State of Illinois, IMSA enrolls academically talented Illinois students (grades 10–12) in its advanced, residential college preparatory program, and it serves thousands of educators and students in Illinois and beyond through innovative instructional programs that foster imagination and inquiry. IMSA also advances education through research, ground-breaking ventures and strategic partnerships.

www.imsa.edu

Quick Facts

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Illinois Mathematics and Science Academy®

Established by the State of Illinois to develop talent and leadership in science, technology, engineering and mathematics (STEM), the Illinois Mathematics and Science Academy® (IMSA) has become an internationally recognized, world-class powerhouse for inspiring, challenging and nurturing talented students who use their exceptional abilities to improve people’s lives. IMSA’s advanced residential college preparatory program enables academically talented Illinois students in grades 10 through 12 to reach extraordinary levels of achievement.

The Academy is widely recognized by organizations such as the College Board Advanced Placement Program, The Wall Street Journal and Newsweek. Intel named IMSA the nationwide winner of the Star Innovator Award. This award is presented annually to an educational institution that has a “comprehensive program incorporating innovative and effective use of technology, engaging parents and the community in students’ education, fostering professional development and teamwork, and delivering consistent achievement of high academic standards.” IMSA’s innovative student inquiry and research programs have enabled students to earn numerous awards from national and global competitions including Intel Science Talent Search, the Siemens Competition in Math, Science and Technology, the International Physics Olympiad, the High School Mathematical Contest in Modeling and the China Girls Mathematical Olympiad.

As a resource for the people of Illinois, the Academy serves thousands of teachers and students throughout Illinois and across the country. IMSA’s award-winning statewide programs include teacher professional development in research-based and practice-proven instruction in mathematics, science and technology. The Academy’s statewide programs ensure that young students, particularly the underserved, have opportunities to excel in mathematics and science.

The Academy also works with educational, business, government and entrepreneurial partners to develop, test and share innovative ways to enhance teaching and learning in science, technology, engineering and mathematics.
History and Governance
IMSA was established in 1985 by the Illinois General Assembly as part of the State’s comprehensive educational reform package to address the critical need for citizens highly skilled in STEM fields. The Academy opened in 1986. IMSA is governed by an appointed Board of Trustees and is funded by the Illinois Board of Higher Education appropriation.

Funding
IMSA’s operating budget is funded largely by the State of Illinois, which provides support for most on-campus and many statewide programs and services. Co-curricular activities for resident students which provides support for most on-campus and many statewide programs and services. Co-curricular activities for resident students

Programs Serving Educators and Students Throughout Illinois and Beyond
In the past decade, IMSA has awarded more than $15,000,000 in grants and public forums to educators. IMSA's educational programs include its flagship Summer@IMSA program, which is a three-week residential program for students in grades 9-12. The program offers a wide range of academic courses, as well as opportunities for students to engage in hands-on, project-based learning. In addition, IMSA’s Total Applied Learning for Entrepreneurs (TALENT) program focuses on student entrepreneurship and STEM careers. TALENT 2020 provides grants to community colleges and universities to support student-entrepreneurship initiatives. The program aims to help students learn about and develop new ideas, while also preparing them for careers in STEM fields. TALENT 2021 is designed to support STEM education by providing grants to community colleges, universities, and other educational organizations. The program seeks to encourage students to pursue careers in STEM fields and promote diversity in STEM education. TALENT 2022 will focus on addressing the needs of underrepresented groups in STEM fields. The program aims to increase the number of students from diverse backgrounds who are interested in pursuing careers in STEM fields.

Institutional Research
The IMSA Office of Institutional Research (OIR) is a central resource of resources, data, and research for faculty, staff, and student support organizations. Through OIR, IMSA will evaluate its programs and services, as well as its impact on students and community. The OIR also serves as a central repository for institutional research data,

Innovation and Entrepreneurship
CoEdUSA/IMSA builds, facilitates, and supports an online community of women who drive innovation and enterprise through STEM and entrepreneurship. CoEdUSA provides a platform for women entrepreneurs to share their stories, experiences, and insights with one another.

Professional Staff
IMSA conducts national searches for many of its non-stem positions, which include the search for regional coordinators, as well as for positions in its Ignite! Institute of Technology.

Alumni
4,144 graduates, Classes of 1989-2010
95.9% enrolled in college, 45% in-state and 55% out-of-state (Classses of 2000-2006)

The five Illinois colleges or universities that enrolled the highest number of IMSA graduates (Classes of 2000-2006):

University of Illinois at Urbana-Champaign, Northwestern University, University of Chicago, University of Illinois at Chicago and Illinois Institute of Technology.

The five out-of-state colleges or universities that enrolled the highest number of IMSA graduates (Classes of 2000-2006):

Massachusetts Institute of Technology, M.I.T., Case Western Reserve University, Washington University in St. Louis, Carnegie Mellon University and Duke University.

IMSA alumni have been featured for their next-generation technological applications by Business Week, Fortune, Good Morning America, The Wall Street Journal and the annual Webby online achievement awards. IMSA alumni were part of the start-up teams that created Netflix, PayPal and YouTube. As volunteers for IMSA and donors to the IMSA Fund for Advancement of Education, alumni increase IMSA's capacity to achieve its mission and goals. For information on IMSA's Board of Trustee Alumni Awards recipients, visit www3.imsa.edu/alumni/awards.