

THE ENVISION EXPERIENCE

leading provider of experiential career & leadership programs

since **1985** accredited programs



800,000+ students



19 programs

from **149** different countries

THE PATHWAYS TO STEM 2020

EDUCATIONAL FACILITIES

LOCATION
LOYOLA UNIVERSITY
COLLEGE OF NEW JERSEY
WAKE FOREST UNIVERSITY
BABSON COLLEGE
UNIVERSITY OF DENVER
NORTHWEST UNIVERSITY
OCCIDENTAL COLLEGE
BOWLING GREEN STATE
ST. JOHNS UNIVERSITY
UT DALLAS
AGNES SCOTT COLLEGE
U OF MINNESOTA
U OF PITT GREENSBURG
UNIVERSITY OF HOUSTON
UC BERKELEY
SOUTHEASTERN UNIV.
VILLANOVA UNIVERSITY
CONVERSE COLLEGE
NAT'L 4H CONF. CENTER
UNIVERSITY OF MEMPHIS
TULANE UNIVERSITY
WASHINGTON UNIVERSITY

34 six-day programs **22** national locations





NYLF Pathways to STEM

Who is Envision?

Envision provides academic programs in numerous categories, including STEM, medicine, law, government and leadership, business administration, entrepreneurialism, culinary arts, engineering, and aerospace. Programs are typically held during summer (May-August) in many cities across the United States as well as China, Australia, South Africa, and New Zealand.

Envision's programs are developed by educators and subject-matter professionals and are accredited by the International Association for Continuing Education and Training (IACET) and the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI).

Using innovative tools and techniques, our activities mirror real-world challenges and facilitate critical thinking and communication among the groups. Envision Advisors are trained teachers and subject-matter experts who love making a real impact—so much so that they come back year after year. To date, over 800,000 exceptional students have benefited from the transformational experiences Envision programs provide.

Envision programs are innovative, safe, fun, empowering, and enable students to to:

Discover Their Passion

Explore a Career

Realize Their Dreams

More information about Envision can be found at EnvisionExperience.com

What is NYLF Pathways to STEM?

Virtually all career fields do or will require a solid foundation in STEM. NYLF Pathways to STEM provides bright, forward-thinking elementary students in grades 3-5 with early exposure to the STEM fields. Students get hands-on in three distinct STEM strands:

Engineering	By designing and programming an mBOT robot, students get a handle on the engineering and design thinking process and are exposed to fields in robotics, engineering and computer programming.
Medicine	On a journey to understanding the most complex of machines – the human body – students participate in a beef heart dissection, build a model heart, and apply what they've learned to diagnose a mock patient.
CSI	Students attempt to crack a case by analyzing known and unknown substances, measuring blood drops, dusting for prints, recording evidence and applying their problem solving skills.

Students acquire STEM, problem-solving, and presentation skills in the strands, and then apply those to STEM Challenges, which include building a complex machine and learning how to control minor, but serious injuries. NYLF Pathways to STEM is an opportunity for students to learn by doing, gain essential life skills and make friends with like-minded peers.

Why should I or my child attend this program?

It is no secret that the world is changing. Due to rapid advancements in technology and automation, the jobs of yesterday are no longer the jobs of today, and the jobs of today are unlikely to be the jobs of tomorrow.

We are already seeing the educational impact of this technological shift. While diplomas and degrees served their holders so well in the past, more and more they are being seen as insufficient by many employers because students are taught theory but not practice.

Founded on a 21st-century curriculum and learning techniques, NYLF Pathways to STEM provides students with hands-on learning opportunities that challenge them to think in new ways and helps them establish and grow the life-ready skills that will allow them to succeed in our ever-evolving world, all in an engaging and exhilarating atmosphere.

“Since the program, my daughter’s been more confident and exhibits more self-awareness. Her interest into the scientific world has heightened, and she’s even more focused on what she wants to be and how she plans to get there.”

- Alicia B, Mother of NYLF Pathways to STEM Alumna

“My son was excited he was chosen by his teacher for this program. Learning the different areas of STEM provided a great foundation and opened his eyes to different areas for future career paths.”

- Christine M, Mother of NYLF Pathways to STEM Alumnus

How much does it cost to attend NYLF Pathways to STEM?

A number of factors determine the pricing of our programs, including location, length of program, and complexity of curriculum. For NYLF Pathways to STEM, tuition starts at \$1,995, and we have payment plans available. More information on the cost of specific Pathways to STEM sessions can be found at NYLFpathways.com/info

To ensure that more students have the opportunity to attend our programs, Envision does offer a limited number of scholarships based on financial need, scholastic merit, and leadership achievement. Submission of a scholarship application is required to be considered for an award.