Singularity University’s Executive Program educates and inspires executives to understand and recognize the opportunities and disruptive influences of rapidly advancing technologies, and how these fields will affect their future, companies, and industries.

“...The program was a break-through learning opportunity for me. That’s what happens when you bring together exceptional people from diverse backgrounds and disciplines and focus them on solving humanity’s grand challenges via exponentially expanding technologies and design thinking.”

June Herndon
Business Strategist, Texas

“Fantastic! That is Dutch for awesome and inspiring. The Executive Program exceeded all my expectations.”

Hans Bremer
Entrepreneur & Physicist, Netherlands

“What an incredibly powerful forum for preparing for the exponentially changing world - both the opportunities and risks. We can create the future we want!”

Robert Nail
Social Innovator, San Francisco, CA

“I feel like I have just returned from space, and I am now looking at Earth from a completely new perspective, and I now suddenly understand what is going on and where we are going.”

Pablo Brenner
Venture Capitalist, Uruguay

“The only program on the planet that gives such an extensive breadth and depth of information about high impact emerging technologies.”

Robert Chew
Social Innovator, Singapore

Registration Information:

Singularity University offers 4- and 7-day Executive Programs, and also private, custom-designed programs. For more information about our programs and fees, please visit www.singularityu.org/ep, or reach us by email at info@singularityu.org.

EXPONENTIAL TECHNOLOGIES EXECUTIVE PROGRAM

NASA Ames Research Park in the Heart of Silicon Valley

www.SingularityU.org/ep

www.SingularityU.org
This non-linear pace of progress has been the primary juggernaut of perpetual market disruption. In contrast, the twentieth century saw only about 25 percent of progress (again at today’s rate of acceleration). Expecting the twenty-first century to be equivalent to what would require (in the linear view) on the order of 200 centuries. With a few key changes, deep-diving into key areas, such as:

Focused on:

1. Biotechnology and Bioinformatics
2. Energy and Environmental Systems
3. Networks and Computing Systems
4. AI and Robotics
5. Medicine and Neuroscience
6. Nanotechnology

Participants come away with an overview of each field including:

1. Recent major disruptive innovations
2. Implications of these breakthroughs
3. A roadmap of how each participant’s industry will be transformed

Singularity University’s Executive Program informs, educates, and prepares executives to recognize the growth opportunities and disruptive influences of exponentially growing technologies and how these key fields can affect their careers, companies, and industries in the years to come.

Who should attend?

The Executive Program offers a unique over-the-horizon radar for decision-makers, strategists, CISOs, CTOs, entrepreneurs, venture capitalists, and government leaders — anyone thinking about their company and their industry. Attending the program provides an understanding of how accelerating technologies will transform their industry by showing what is in the lab today and where these technologies will be within the next three to 20 years.

Singularity University’s campus is based at the NASA Ames Research Park in the heart of Silicon Valley.

Singularity University’s Executive Program is geared around six exponentially growing fields, each taught by world experts:

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The Executive Program Experience Includes

**Top-Level Critical Concepts**
The core concepts that enable you to understand the biggest ideas in transformative technologies. You will be able to recognize exponential trends and inter-disciplinary breakthroughs in news and industry reports.

**Key Projected Breakthroughs**
What are the top ten projected breakthroughs in each field that you should watch out for in the next decade? What are their leading indicators and implications?

**Leading Researchers and Companies**
Who are the key thinkers and companies in these fields you must know about and follow?

**Legal/Regulatory/Ethical Discussion**
What legal and regulatory environments affect these rapidly changing fields? Do current structures account for future breakthroughs? What are the biggest issues likely to be faced in the future, and what changes should be made to address them?

**Metrics**
How do you effectively monitor trends and progress in these advancing technology fields?

**Industrial Implications**
How will projected breakthroughs and converging technologies affect specific industries within the next three to twenty years? Roadmaps for each participant’s industry are developed through discussions and feedback with faculty, staff, and other participants on how exponential technologies will affect their specific sectors.

**Site Visits**
Program participants enjoy exclusive tours to Silicon Valley companies and research facilities to see what is in development, and hear from company leaders on their latest advances. Previous site visits have included: Autodesk, Halcyon Molecular, IBM Almaden, 23andMe, Google, IDEO, Tesla Motors, Omneuron Brain Scanning, and NASA simulation facilities and research labs.
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Focused Workshops
Multiple interactive workshops with leading faculty and influencers deep-diving into key areas such as
1. Future Studies Tools and Predictive Markets
2. The Future of Business in a World of Exponential Change
3. Implications of Nanotech Factories
4. Growth of AI and Robotics
5. Future of Medicine and Biotechnology
6. Technologies that Change Energy Systems

Industries Group Workshops
Time is dedicated throughout the program to discussions between participants, faculty, and staff:
1. How will these Exponential Technologies affect your industry in the next three to twenty years?
2. How does this affect your current and future planning?

Growth: Linear vs. Exponential

"The paradigm shift (i.e., the overall rate of technical progress) is currently doubling (approximately) every decade; that is, paradigm shift times are halving every decade (and the rate of acceleration is itself growing exponentially). So, the technological progress in the twenty-first century will be equivalent to what would require (in the linear view) on the order of 200 centuries. In contrast, the twentieth century saw only about 25 percent of progress (again at today’s rate of progress) since we have been speeding up to current rates. So, the twenty-first century will see almost a thousand times greater technological change than its predecessor."
- Ray Kurzweil

"This non-linear pace of progress has been the primary juggernaut of perpetual market disruption, spawning wave after wave of new companies."
- Steve Jurvetson, Managing Director, Draper Fisher Jurvetson
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