



EXPO
2020
DUBAI
UAE

MAKE THE WORLD YOUR CLASSROOM

EDUCATION PROGRAMME EXPO 2020 DUBAI

1 OCTOBER 2021 – 31 MARCH 2022



ARTS, ARCHITECTURE & DESIGN

CURATING INSPIRATION FOR
YOUR CREATIVE CAREER



Experience signature buildings designed by Santiago Calatrava, Grimshaw Architects and Foster + Partners, and discover how preeminent artists, designers and architects find inspiration for their creative practices to tell stories through their work.

With the world as your muse, you'll never see the arts in the same way again.

DON'T MISS YOUR CHANCE TO EXPLORE THE CREATIVE PLAYGROUND THAT IS EXPO 2020.

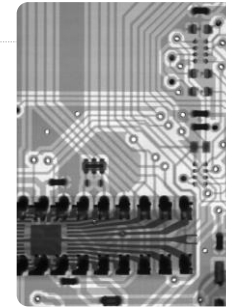
The exquisitely designed site is vibrant with artistic ingenuity from every corner of the globe.

3-DAY SCHEDULE

1

Sustainability

Sustainability is a buzzword that has already infiltrated many industries, Construction being a major contributor in global energy consumption, sustainable architecture has become a leading consideration in how buildings and cities are being built.



2

Mobility

Mobility is ultimately a story about human ambition, but also the importance of our connection to the past. Architecture, Art & Design have been inspired by the world throughout ages.



3

Opportunity

At its roots, architecture exists to create the physical environment in which people live. Architecture Order our lives. Architecture is communicating to us a particular idea of use and experience. Architecture Guide our lives at both a macro and micro level



LEARNING HIGHLIGHTS

- ✓ Get up close and personal with signature buildings designed by world-famous architects.
- ✓ Analyse architectural, artistic and design masterpieces from countries around the world.
- ✓ Develop drawing and observation skills through practise.

LEARNING OBJECTIVES



Examine how the arts, architecture and design are adapting and responding to environmental and social challenges.



Consider the social and ethical responsibilities of artists, architects and designers in the modern world.



Gather many new sources of inspiration and ideas to fuel future creative work.

BUSINESS & ENTREPRENEURSHIP

INNOVATING OUR WAY TO
A BRIGHTER FUTURE
IN A COMPLEX WORLD



Growing environmental awareness is already changing how corporate leaders define the bottom line and how industries manufacture products. With a focus on social entrepreneurship, this tour will not only leave you feeling inspired by the contributions that others are already making to the world through business, but will also serve as an opportunity for you to consider your own role in creating a brighter future.

WHAT KIND OF IMPACT WILL YOU MAKE THROUGH YOUR CAREER? WHAT WILL YOUR LEGACY BE?

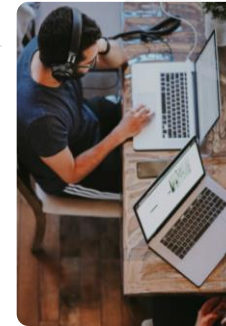
Courageous entrepreneurs, creative intrapreneurs and innovative governmental bodies around the world are reframing challenges as opportunities and successfully navigating our increasingly interconnected world.

3-DAY SCHEDULE

1

Sustainability

The business community increasingly plays vital part in contributing towards a sustainable future. Recently businesses have been recognised as the leading force to creating a sustainable world as a source of innovation and creativity



2

Mobility

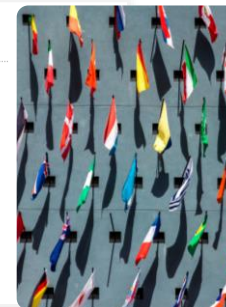
The theme of mobility more than transport. It is also about the movement of people and idea. Mobility is breaking down the divide between the physical and digital. For business and entrepreneurship, mobility is all about delving into present and future trends.



3

Opportunity

Opportunity is all about creating a better future for all. The Sustainable Development Goals (SDGs) are aimed at everyone: policymakers, civil society, business, academia and each and every individual. The SDGs can bring enormous value to businesses



LEARNING HIGHLIGHTS

- ✓ Solve a case study relating to a business opportunity presented at one of the Expo 2020 Country Pavilions.
- ✓ Be inspired by social entrepreneurs using the principles of business to tackle global challenges.
- ✓ Gain exposure to industry experts and business leaders from around the world as they gather at Expo.

LEARNING OBJECTIVES



Identify new careers and job opportunities at the cutting edge of different industries.



Recognise the importance of social responsibility, environmental responsibility and social impact in business today.



Practise reframing tough challenges as business or entrepreneurship opportunities.



ENGINEERING & CONSTRUCTION

THE FUTURE OF
ENGINEERING
AND CONSTRUCTION



Discover how these innovations are already transforming how cities are engineered and constructed, and how they've been put into practice at Expo 2020. You'll leave with a new appreciation for the built environment, a deeper passion for engineering, and industry insights that will help you excel in your career.

TWO UNSTOPPABLE FORCES ARE SHAPING THE FUTURE OF ENGINEERING AND CONSTRUCTION

Discover the impact of the industry's growing environmental awareness and the constant introduction of new technologies.

3-DAY SCHEDULE

1

Sustainability

Sustainable engineering is the process of using resources in a way that does not compromise the environment or deplete the Earth's materials for future generations.



2

Mobility

Engineering and construction industry, mobility involves recognising past, present and future trends (e.g. VR, AI, digitisation, space exploration) that are transforming the world of engineering.



3

Opportunity

Opportunity is all about creating a better future for all. The Sustainable Development Goals (SDGs) are aimed at everyone. SDGs give engineers a new sense of purpose and place global responsibility at the heart of engineering.



LEARNING HIGHLIGHTS

- ✓ Experience cutting-edge technological innovations first hand.
- ✓ Get up close with impressively constructed signature pavilions.
- ✓ Gain exposure to leading engineers from around the world.

LEARNING OBJECTIVES



Examine how engineers are developing new ways to build sustainably.



Experience how new technology is revolutionising the engineering and construction industries.



Understand how international engineering and construction projects come together with multiple stakeholders, contractors and sources of raw materials from around the world.



INNOVATION & TECHNOLOGY

CREATING THE FUTURE

THROUGH INNOVATION

AND TECHNOLOGY



Be among the first to experience some of the technologies that will help us live more sustainable lives, change the future of transportation and revolutionise the way economies function. Learn about what it will take to remain competitive in the future and how these trends will affect your own career plans.

IN 1904, IT WAS THE X-RAY MACHINE IN 1939, IT WAS LIVE TELEVISION. WHAT WILL EXPO 2020 BRING?

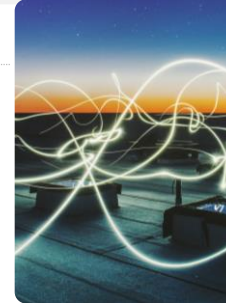
Since 1851, World Expos have showcased inventions that profoundly alter how we experience the world. From the disruptive technologies being used to address climate change to innovations in mobility, this tour highlights the most cutting-edge solutions in the world today – technologies that will shape life for generations to come.

3-DAY SCHEDULE

1

Sustainability

Sustainable development is the greatest challenge of our time. Technologies play an important role in solving problems and helping us move towards a more sustainable future.



2

Mobility

Mobility is a story of technology. It is about the innovations and technologies that have changed and advanced society throughout the course of history. Technology connect us virtually



3

Opportunity

Opportunity is about creating better future for all. The Sustainable Development Goals (SDGs) provide a sense of purpose for innovators. Many technologies are inspired by these goals and are designed to solve world's challenges and provide opportunities.



LEARNING HIGHLIGHTS

- ✓ Witness cutting-edge technologies from energy, transportation and life sciences.
- ✓ Experience massive AI and VR demonstrations.
- ✓ Connect with the social innovators using technology to change the world.

LEARNING OBJECTIVES



Demonstrate understanding of how digital transformation is impacting modern life, city living and government processes.



Identify what skills it will take to remain competitive and "future-proof" as technology changes the way that work gets done.



Examine the innovative technologies being designed to harvest renewable energy sources, protect resources such as water, and combat climate change.

SUSTAINABILITY

EXPONENTIAL

SUSTAINABILITY



On this tour, you'll learn how communities, cities, organisations and even countries are partnering with the planet to restore the Earth's natural balance. Together, humanity can work towards an exponentially impactful solution, and you can be at the heart of it.

HEROES AROUND THE WORLD ARE ADDRESSING CLIMATE CHANGE.

By using disciplines such as economics, architecture, urban planning and innovative technology, climate change is being addressed – but it can't be achieved alone. Collective action amplifies impact.

3-DAY SCHEDULE

1

Environmental Awareness

Sustainability can mean different things to different people. Awareness is built on the understanding that humans and nature are strongly interconnected. Deepening this awareness, it is possible to create some inspiring.



2

Sustainable Economy

When we talk about sustainability, people often think about the environment. But economic sustainability is also an important part of the picture. Any effective environmental solutions that we design will need to take the economy into account.



3

Social Sustainability

Social sustainability emphasises equality of opportunity and quality of life, which involves providing health, education, safety for all the world's people. Social sustainability is also about culture, sense of belonging and community that we all need to live a happy and fulfilled life.



LEARNING HIGHLIGHTS

- ✓ Experience the Sustainability Pavilion, built to meet LEED Platinum green building standards.
- ✓ Discover the opportunities and optimism that occur when the world comes together to collaborate on solutions towards a sustainable future.
- ✓ Discover the latest in cutting-edge sustainable technologies.
- ✓ Connect with leaders and entrepreneurs from around the world who share a passion for sustainability.

LEARNING OBJECTIVES



Compare and contrast how different nations are striving to be more sustainable.



Recognise how sustainable systems are influencing innovations in fields ranging from urban planning to economics to transportation.



Demonstrate an understanding of Expo 2020's legacy plans and how the site was built with sustainability in mind.



JOIN THE EXPO 2020 EDUCATION PROGRAMME

1 OCTOBER 2021 – 31 MARCH 2022

Indulge your curiosities through a once-in-a-lifetime learning and cultural experience. Discover how collaboratively, we can build solutions for a brighter future. A number of institutions have already confirmed participation in the Expo Education Programme — make sure yours is one of them.





EXPO 2020 DUBAI
THANKS ITS PARTNERS FOR THEIR SUPPORT

OFFICIAL PREMIER PARTNERS



OFFICIAL PARTNERS



OFFICIAL PROVIDERS





**Bureau
International
des Expositions**