

## Ax-1 Mission Overview

Axiom Space's Axiom Mission 1 (Ax-1) will be the first all-private astronaut mission to the International Space Station (ISS) and a pivotal step toward Axiom Station, the world's first commercial space station. The multinational, four-person Axiom crew will participate in a 10-day mission, including eight days working and living on the orbiting laboratory. Axiom Space has contracted SpaceX to transport the Axiom crew via a Dragon spacecraft and Falcon 9 rocket.

### MISSION HIGHLIGHTS

- **First Step for Axiom Station:** Axiom Space's Ax-1 mission is a critical step toward Axiom Station, the first private space station. This new method of access to orbit is progress toward a next generation platform initiative in which the benefits and products of life, work, and research in space are available to a global consumer. This low-Earth orbit (LEO) economy aims to magnify innovation, problem-solving and scientific discovery as humans venture farther for longer duration in space.
- **First All-Private Astronaut Mission to ISS:** Ax-1 will be the first mission to visit the space station with an all-private astronaut crew. The astronauts include Commander Michael López-Alegría of the USA/Spain, Pilot Larry Connor of the USA, Mission Specialist Eytan Stibbe of Israel, and Mission Specialist Mark Pathy of Canada. The Ax-1 crew members are pioneering a new path in space for more opportunities for individuals and nations around the world to work in microgravity.
- **Ten-Day Mission in Microgravity:** The Ax-1 crew will participate in a 10-day mission, including eight days working and living on the orbiting laboratory. Axiom Space has contracted SpaceX to transport the Axiom crew via a Dragon spacecraft and Falcon 9 rocket.
- **Adding Value:** The Axiom Space mission to the International Space Station will focus on science, education, and STEM outreach, conducting more than 25 experiments, collecting critical data, and dedicating more than 100 hours of human-tended research during their 10-day mission. Each crew member has completed between 700 and 1,000 hours of astronaut training to prepare for this mission.
- **First in a Series of Missions:** Ax-1 is a first-of-its kind private spaceflight mission to the International Space Station, one of several proposed Axiom missions – each contributing to Axiom Station and a sustainable low-Earth orbit economy.

### FAST FACTS

- Ax-1 will be the first all-private astronaut mission to the ISS.
- Ax-1 is the first of several proposed missions to the ISS, and a critical precursor to Axiom Station, the first commercial space station.
- The Axiom astronauts are the first private astronauts to go through NASA's training flow. Each Ax-1 crew member completed between 700 and 1,000 hours of training in safety, health, ISS systems, launch site operations, and additional training for research and technology demonstration payloads to prepare for the mission.
- A robust science portfolio defines this mission, which will see more than 25 experiments completed aboard the ISS during the eight days on the space station. The Axiom astronauts are partnering with leading science organizations to complete experiments while aboard the ISS. These unique partnerships are opening new opportunities for scientists and researchers to conduct work in space.
- Ax-1 astronauts represent four countries and will complete outreach in five languages, expanding efforts to connect with more people around the world.

## MISSION LAUNCH DETAILS

- Launch Location: Launch Complex 39A at NASA's Kennedy Space Center in Florida
- Crew: Commander Michael López-Alegría, Pilot Larry Connor, Mission Specialist Eytan Stibbe, Mission Specialist Mark Pathy
- Spacecraft: SpaceX Dragon
- Rocket: SpaceX Falcon 9

## AXIOM STATION OVERVIEW

- Axiom Space is a leader in the commercial space era and a key partner in NASA's drive to commercialize low-Earth orbit, with a successful private mission to the ISS progressing.
- Axiom Space and NASA's successful collaboration on the first-ever private astronaut mission to the International Space Station is a historic moment that brings space closer to being accessible for all.
- In early 2020, NASA selected Axiom Space to provide at least one habitable commercial module for the International Space Station.
- The first Axiom Station module is under construction to attach to the ISS Node 2 forward port in late 2024.
- The Axiom-NASA early collaboration on low-Earth orbit operations and a successful Ax-1 mission set the stage for Axiom Station and further ensures a next-generation platform will be ready to succeed the ISS in time to avoid any gap.

## ABOUT AXIOM SPACE

Axiom Space, the premier provider of human spaceflight services and developer of human-rated space infrastructure, is guided by the vision of a thriving home in space that benefits every human, everywhere. Founded in 2016, Axiom is opening new markets in low-Earth orbit through operating end-to-end missions to the International Space Station while privately developing its successor – a permanent commercial destination in Earth's orbit that will sustain human growth off the planet and bring untold benefits back home. More information about Axiom can be found at [www.axiomspace.com](http://www.axiomspace.com).