



# SPACE SCHOLARS Program

Scholarship Application Guide

**TRANSFORM YOUR ORBIT**

[www.KeplerU.space](http://www.KeplerU.space)



**DEADLINE: January 15<sup>th</sup>, 2025**

## **Space Scholars Program**

The Space Scholars Program is looking for scholars to advance research and development supporting the expansion of human civilization from Earth to space. We are recruiting exceptional people with a passion for space exploration. We provide education in interdisciplinary space studies, to develop new knowledge and opportunities in pioneering fields of research related to humans living and working in space.

Space Scholars are driven by their innate curiosity and a genuine desire to address the most significant challenges facing our society. By aligning their personal passions with academic pursuits, they aim to make substantial contributions towards the migration of humanity into space. If you are an aspiring pioneer, eager to push the boundaries of knowledge and embark on a journey that will shape the future of humanity, the Space Scholars Program welcomes you. Join us in our mission to expand the frontiers of human civilization and create a meaningful impact on the exploration and inhabitation of outer space.

## **How to Apply**

We are looking for explorers, tinkerers, and innovators who are research savvy – future pioneers who love to dive deep into the numbers but who can also take a step back from them and think about the big picture. Space Scholars are motivated individuals who are curious about the issues that matter most to our society and pursuing excellence bridging their passions and academic studies to bring a meaningful contribution to the migration of humans into space. We invite you to take part in this 2024/2025 competition, prospective students must register and upload the required materials by **January 15<sup>th</sup>, 2025**.

There are up to **50 scholarships** available, covering 50% of tuition fees applicable towards any Graduate Program at the Kepler Space University.

**Step 1:** Read Application Guide carefully and adhere to upcoming deadlines.

**Step 2:** Choose the Space Program you wish to apply to.

**Step 3:** Get registered by filling out the online application.

Application form is available at: [www.KeplerU.space/apply-space-scholars/](http://www.KeplerU.space/apply-space-scholars/)

**Step 4:** Notification of awards will be set out 2 weeks after deadline.

**Step 5:** In the case you are awarded a scholarship, you will have 3 days to confirm your acceptance, and 5 days to complete your enrolment.

# TERMS AND CONDITIONS

## 1. Eligibility:

1.1 The Space Scholars Program ("Competition") is open to individuals who meet the following criteria:

- A Bachelor's Degree from a college or university accredited by the appropriate regional association with a minimum grade point average of 2.5 on a 4.0 scale or equivalent work experience in professional academic and/or government or private industry positions and achievements. Each applicant's specific experience will be evaluated by the KSU Admissions Committee.
- Must meet admission requirements to the Kepler Space University (KSU), see KSU catalog for complete details.
- Must have a strong academic record and demonstrate a keen interest in space-related fields.
- Excellent communication skills with the capacity to work in an international setting
- Applicants from all academic disciplines are encouraged to apply.
- Must submit a complete and accurate application by the specified deadline.

## 2. Application Process:

2.1 All applications must be submitted online through the designated platform.

2.2 Applicants are required to provide personal information, academic transcripts, a resume, and a personal statement outlining their interest in space-related fields.

2.3 Incomplete or late applications will not be considered.

## 3. Submission Deadline:

3.1 The Competition deadline for submitting applications is January 15<sup>th</sup>, 2025.

3.2 No applications will be accepted after the specified deadline.

## 4. Required Documents

4.1 Application form is available at:  
[www.kepleru.space/apply-space-scholars/](http://www.kepleru.space/apply-space-scholars/)

4.2 Each candidate will be asked to provide:

- > Curriculum Vitae
- > University Transcripts
- > Motivation Statement
- > Copy of Identification card or passport
- > Portfolio consisting candidates previous works

## 5. Selection Process:

5.1 All applications will be reviewed by a panel of judges appointed by the KSU Scholarship Committee.

5.2 The judges will evaluate applicants based on academic achievements, passion for space-related fields, extracurricular activities, and the quality of the personal statement.

5.3 The decision of the judging panel is final and binding.

## 6. Scholarship Awards:

6.1 The Space Scholars Scholarship will be awarded to up to 50 recipients.

6.2 Each scholarship award will be 50 percent of tuition fees to be used towards graduate studies programs at KSU. Awardee of the 50 percent scholarships have to pay half of the tuition fee, plus \$150 Library fee for each semester. The registration fee is waived for Awardees of Space Scholars scholarship program.

6.3 The scholarship funds will be disbursed directly to the recipient's educational institution, KSU.

6.4 The scholarship may be applied to any graduate program for the academic year 2024/2025.

## 7. Notification of Awardees:

7.1 Awardees will be notified up to 2 weeks after Competition deadline, the contact information provided in their application.

7.2 Awardees will have 3 days to confirm their acceptance, and 5 days to complete registration

7.3 If a selected awardee does not respond within 3 days, an alternate awardee may be chosen.

7.4 If a selected awardee does not complete registration within 5 days, an alternate awardee may be chosen.

7.5 Awardees of this merit-based Competition will be published on the KSU website.

## 8. Publicity:

By accepting the scholarship, awardees agree to participate in any publicity or promotional activities organized by the KSU Scholarship Committee and/or staff.

## 9. Privacy:

Personal information submitted during the application process will be used solely for the purpose of the Competition.

## 10. Changes to Terms:

The KSU Scholarship Committee reserves the right to make changes to the terms and conditions of the Competition if necessary.

## 11. Contact Information:

For inquiries regarding the Space Scholars scholarship program, please contact [info@kepleru.space](mailto:info@kepleru.space)

## Online Graduate Certificate Programs at Kepler Space University

Our online programs encompass focused Interdisciplinary Space Studies, graduates will join industry leaders to help guide the sustainable development of Space, and with the support of commercial and international partners will create employment opportunities and enhance the expertise of global citizens to benefit society. For a complete list of program options visit: <https://kepleru.space/graduate-certificates/>

| Certificate Program   | Spring Semester                                | Summer Semester  | Fall Semester  |
|---|--|--|--|
| <a href="#"><u>Human Factors for Space Settlement</u></a>                 | HFS 500: Human Spaceflight and Performance     | HFS 501: Human System Integration                      | HFS 502: Arts and Recreation                         |
| <a href="#"><u>Space Commercialization &amp; Entrepreneurship</u></a>     | COM 500: Commercializing Advanced Technologies | COM 501: Energy, Civilization, and Economy             | COM 502: Impact and Disruptive Innovation            |
| <a href="#"><u>Leadership, Policy and Governance</u></a>                  | GOV 500: Leadership – Theory and Practice      | GOV 501: Policy Development and Analysis               | GOV 502: Governance and Institutions                 |
| <a href="#"><u>Space Education</u></a>                                    | EDU 500: Foundations of Quality Education      | EDU 501: Learning and Development: Theory and Practice | EDU 502: Novel Approaches to Education               |
| <a href="#"><u>Space Philosophy &amp; Theory</u></a>                      | PHI 500: Philosophical Foundations             | PHI 501: Ethics, Values, and Society                   | PHI 502: Strategic Foresight and Alternative Futures |
| <a href="#"><u>Space Infrastructure &amp; Sustainable Exploration</u></a> | EXP 500: Space Technology and Resources        | EXP 501: Transportation and Infrastructure Development | EXP 502: Advanced Exploration Systems                |
| <a href="#"><u>Space Technology &amp; Engineering</u></a>                 | STE 500: Properties of Settlement Environments | STE 501: Space Systems and Design Requirements         | STE 502: Settlement Construction and Configurations  |
| <a href="#"><u>Space Architectural Technology</u></a>                     | ARC 500: Mission Planning and Operations       | ARC 501: Advanced Habitat Design I                     | ARC 502: Advanced Habitat Design II                  |
| <b>Elective</b>   | Pick any course from the course catalog        |  |  |

To be awarded a Graduate Certificate, students must take four courses. Three courses must be taken within the desired Graduate Certificate program. The fourth course may be taken as an elective from any of the Graduate Studies Programs. For course description and list of all course offerings, please view the university catalog.

## Online Graduate Certificate Programs at Kepler Space University

### Human Factors for Space Settlement

Designed to familiarize students with space settlement concepts, functions, and experiences focusing on application and development of systems improving safety and advancing the performance of equipment, spacecraft design, procedures, health and nutrition. An emphasis will be placed on human centered design systems, related to but not limited to: psychology, perception performance limitations and errors, the human experience and simulations in mixed reality environments, and the evolving impacts of anthropometrics, biomechanics and ergonomics of human effectiveness.

### Space Commercialization & Entrepreneurship

Delve into understanding the Space Economy. Study the economic drivers of sustainable space settlement and commercialization of space exploration addressing industry opportunities. This program examines exploration enterprises in development, launch, operations and disposal to develop mechanisms to drive innovation through technological advances, facilitating social benefits, scientific progress, and breakthroughs in satellite applications.

### Space Philosophy & Theory

Study and explore such questions as: What should be the philosophical foundation for the future of humans in space? What beliefs and values will drive humans in space settlements? What are the possible futures for humankind if it remains on Cradle Earth and the implications of human settlement beyond? Students will be exposed to historical perspectives of philosophy, ethics, metaphysics, and epistemology, as well as other topics central to understanding humankind's journey to living and working in space.

### Space Infrastructure & Sustainable Exploration

Investigate technologies to develop space infrastructure and sustainable exploration of the solar system and beyond. This program is designed to guide students through methodologies of building space infrastructure, remote sensing, space science, space management and operations. In addition to exploring the development of a broad set of space systems, students will delve into surveying supporting systems for space settlement and roadmaps for technological growth and expansion.

## Online Graduate Certificate Programs at Kepler Space University

### Leadership, Policy & Governance

Study and analyze evolving challenges in the private/public space programs regarding policy perspectives, social structures, and governance models. Students will survey existing international legal and regulatory frameworks for space activities and establish new models and frameworks for the effective performance of stakeholders for long-term sustainable use of space.

### Space Education

This program takes an interdisciplinary approach and emphasizes collaboration, investigation of novel educational systems and capacity building in space settlements. In addition to gaining a core foundational knowledge in theory, methods and research in education, students will address a range of domains including: human development, equity, learning and teaching, equality and justice, communities, institutions and societies on Earth and settlements in Space.

### Space Technology & Engineering

Establish a foundation in space systems, integrated design methodologies, and interdisciplinary engineering sciences. This program guides students through identifying trends, requirements, develop strategies, and implement innovative solutions driven by technological advancements to enable future space settlements. Students will learn to think critically and gain valuable experiences in applying research and problem-solving skills to evaluate, analyze, and improve processes..

### Space Architectural Technology

Study the theory and practice of designing and building inhabited environments in outer space. This program is designed to guide students through architectural design of humans living and working environments in space. Students will gain an understanding about designing these forms of architecture and the challenges to ensure and support safety, sustainability, habitability, reliability and crew efficiency, productivity and comfort in the context of extreme environments.

# Online Masters Degree Programs at Kepler Space University

## M.S. in Space Studies

The M.S. in Space Studies program guides students through the challenges of space exploration. The program provides opportunities for those interested in space engineering, science, policy and ethics related to human space settlement. Students examine key methods and strategies for human spaceflight, planetary exploration, commercial and scientific aspects of space exploration, mission planning and design, remote sensing satellites, astronomical instrumentation, robotics, human factors, risk management and other technologies to enable the development of space settlements.



## M.S. in Space Architecture

The M.S. in Space Architecture program guides students through the challenges of designing and building inhabited environments in outer space. The program considers the complexities of sustainable design at multiple scales for continuous human habitation in extreme conditions, ranging from energy-efficient systems to development of space infrastructure. Students explore advanced space architecture to assess the key issues of establishing human space settlements.

## M.S. in Space Systems

The M.S. in Space Systems program guides students through the processes and methods of vehicles and infrastructure working together to perform tasks in the space environment. This program guides students through the fundamentals of systems engineering as applied to space systems. Students will gain an understanding of development of space systems and subsystems, techniques and methodologies for scientific analysis and management across operations on Earth and in space, electronics, mechatronics, software, and controls, along with risk assessment and mitigation planning.



# Online Masters Degree Programs at Kepler Space University

## M.S. in Space Health

The M.S. in Space Health program guides students through the challenges to human health while living and working in space. The program provides opportunities for those interested in the health and well-being of space communities to support the achievement of long-duration space missions. Students examine key methods and strategies on identifying, monitoring, and prevention strategies to minimize the impact of the space environment on human health that will enable humanity to thrive beyond Low Earth Orbit.



## M.S. in Space Agriculture

The M.S. in Space Agriculture program guides students through key areas related to agriculture in space. The program investigates the challenges of crop production in controlled environments, effective management of ecosystems, and the evolution of agri-food systems in space-based mission architectures. Students learn to be active problem solvers focused on long-term solutions for human space settlement and drive the development of alternative agricultural systems for sustainable production for communities in space.

## M.S. in Space Resources

The M.S. in Space Resources program guides students through the evolving challenges of the responsible use of available resources in the Solar System. The program focuses on the identification and management of space resources, including the advancing the development of science and technologies related to extraction, processing, and manufacturing in space. Students explore novel mission architectures that may be enabled by utilizing resources in space.





## Online Masters Degree Programs at Kepler Space University

### M.S. in Space Science

The M.S. in Space Science program guides students through the challenges of addressing evolutionary systems for multigenerational success in space settlements. This program takes an interdisciplinary approach to examine the balance of dynamic processes to enable life to flourish in space, focusing on expansion of life support systems, influence of climates and weather conditions, and preservation of resources for generations to follow. Students will gain an understanding about the effects of gravity, interrelationships between celestial bodies, climate cycles, and the impact of human activities on a universal scale.



### M.S. in Space Operations

The M.S. in Space Operations program guides students through the issues associated with the planning, operation launch, and management of space systems. This program guides students through sustainable space operations, space systems requirements and design specifications, payload and mission support, and space systems analysis in the global environment of the space industry. Students will gain an understanding of the technical, strategic and economic drivers required to conceive, design, and operate systems within the rapidly changing space sector.



### M.S. in Planetary Science

The M.S. in Planetary Science program guides students through the physics of planetary and space environments, including planetary surfaces and sub-surfaces, atmospheres and magnetospheres for planets within our solar system and extrasolar planets. The program offers students the opportunity to investigate the formation of the solar system and other planetary systems by examining the physical and chemical processes that shape planets and celestial bodies. Students will gain an understanding of planetary systems, solar-system bodies, and their individual and collective evolutionary histories.



## The Highest Academic Standards

Upon the successful completion of each course, students will earn academic credit. All online courses offered within the masters programs and graduate certificates are designed and taught by KSU faculty, and held to the highest academic standards and rigor.

Space program and course description information is available at:

[www.kepleru.space](http://www.kepleru.space)

For more information, please contact us at:

[info@kepleru.space](mailto:info@kepleru.space)

### 100% Online Courses

This course structure allows students with full-time careers the flexibility to continue their education without having to leave their job. Students are not required to attend live classes, but must have access to a reliable computer and internet connection. Weekly lectures are available on-demand, as well as required readings, videos, written assignments, quizzes, and/or online discussions in which students actively engage with faculty and peers.

### Flexible Program/Course Options

Students are welcome to take as many, or few, courses as they want to meet their own specific needs, goals, and interests. Upon completion of 4 courses, students will earn a Graduate Certificate. Upon completion of 12 courses, students will earn a Master of Science Degree. All Graduate Courses are \$2000/course, in total \$12,000 for Graduate Certificate, in total \$24,000 for Masters Degrees. Additionally, students are required to pay a Library Fee of \$150/semester. Students can start their program with any semester. Each graduate certificate program can be completed in 1-3 years. Each M.S. degree program can be completed in 2-7 years.

**Trusted Space Education  
Future Space Explorers  
Real World Impact**

### Kepler Space University

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### CONNECT WITH US

