



We've Got Space

An Overview of the Orbital Qualification Process

There are four training steps that all aspiring cosmonauts must complete prior to embarking on a mission into space.

- Step One: Medical Qualification Examination
Step Two: Theoretical Lessons, Lectures and Active Hands-On Simulator Training
Step Three: Learning how to work as valuable member of a cosmonaut team
Step Four: Actual training with other members of your assigned mission team.

Step One - The Medical – What to Expect

Any individual seeking a thorough analysis of their health condition may apply for testing. No interest in space travel is required. The total cost of tests is a fraction of what it would cost to have testing completed in a US hospital.

Applications for testing and full payment is requested no less than thirty days in advance so the IMBP can prepare for your arrival. A patient/applicant must have the following documents:

- Extract from the medical card;
- Data on the psychiatric illnesses, passion for alcohol and drugs;
- Fresh urine and blood analysis, analysis for AIDS, RW, HbS-antigen, antigen to C hepatitis;
- Ultrasonic examination, ECG.

The following examinations are performed in the IMBP:

- Clinical blood analysis;
- Urine analysis;
- Feces analysis;
- Biochemical blood analysis;
- ECG;
- Echo-ECG;
- Ultrasonic examination of internal organs, small pelvis, parathyroid gland
- Bicycle-ergometry;
- Ortho-test;
- EEG;
- Gastroscopy;
- Audiometry;
- Vestibular tests ;
- Tests in pressurized chamber;
- Researches in centrifuge;
- X-ray;
- Ultrasonic doplerography of vessels;
- Additional researches;
- Specialists' examination (general practitioner, ear, nose and throat specialist; neurologist; surgery; ophthalmologist, psychologist, gynecologist for women; urologist for men, and others



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Step Two: Lectures and Theoretical Training

(Study times indicated are approximations and reflect traditional requirements for cosmonauts. Shorter training times are possible for citizen cosmonauts.)

Russian Language Study (TBD)
Lectures on Space Navigation (40 hours)
Lectures on On-board Systems of Soyuz and ISS (40 hours)
Lectures on Scientific Equipment Aboard ISS (15 hours)
Lectures on Flight Theory (30 hours)
Lectures on Space Medicine (30 hours)
Lectures on On-Board Computers (15 hours)
Lectures on Video-taping On-board (15 hours)

Hands-On Training
Soyuz Simulator (250 hours)
ISS Simulator (250 hours)
Training on Scientific Equipment (100 hours)
Special Training...ie survival (20 hours)
Medical Training...self-testing (50 hours)
Medical Testing to prepare for space, including IL-76 (100 hours)
Physical Training (200 hours)
Trips to US for Specialized Training (100 hours)
Training on US Equipment (100 hours)
Misc. Training (200 hours)



Step Three: Learning how to work as valuable member of a cosmonaut team

Training times are only estimates and reflect historical training requirements for cosmonauts. Shorter training times may be possible for Citizen Cosmonauts.

Russian Language (TBD)
Practical Training on Soyuz Simulator (200 hours)
Practical Training on ISS Simulator (150 hours)
Special Training...survival, how to eat, drink, use the toilet, etc. (30 hours)
Medical Training (300 hours)
Scientific Training (250 hours)
Specific Training for Experiments (200 hours)

Step Four: Actual training with other members of your assigned mission team & advanced lessons.

Note: Study times indicated are approximations and reflect traditional requirements for cosmonauts for Step 3 and Step 4 combined. Shorter training times are possible for Citizen Cosmonauts.

Russian Language Study (TBD)
Space Navigation (40 hours)
On-board Systems of Soyuz and ISS (40 hours)
Scientific Equipment Aboard ISS (15 hours)
Flight Theory (30 hours)
Space Medicine (30 hours)
On-Board Computers (15 hours)
On-board Video(15 hours)
Hands-On Training Soyuz Simulator (250 hours)
ISS Simulator (250 hours)
Training on Scientific Equipment (100 hours)

Special Training (survival, etc.) (20 hours)
Medical Training (self-testing) (50 hours)
Medical Testing to prepare for space, including IL-76
Zero-Gravity (100 hours)
Physical Training (200 hours)
Trips to US for Specialized Training (100 hours)
Training on US Equipment (100 hours)
Misc. Training (200 hours)



The Training Timeline

Please Note: No two training programs are ever identical.

1. An individual's prior knowledge, health condition, aptitude for learning and mission goals all dictate the amount of time involved.
2. Training need not be continuous in some cases, which would allow a space candidate to return to home or work for periods of time.

Step One: The medical exam can be completed in 10 working days. Not every one of these days will be full days, filled with testing. There will be windows of free time when other activities can be completed in Moscow. Please note that testing times vary from individual to individual. The results of one test may determine a need for additional tests that weren't anticipated. Once obtained, a health certification is valid for a period of one year.

Step Two: The second step on the path to space is estimated to require one month of time. Again, cosmonaut training programs are unique to the space candidate.

Step Three: For this phase of training, one should allocate two months.

Step Four: The final phase and approval process generally requires three months.

In some cases, different phases of training can overlap, which would allow the entire process to take less than the 6 ½ months listed above. For example, some elements of training can be started prior to completing all detailed health testing and elements of phases three and four can be combined.

Anyone entering the cosmonaut training program must enter with a spirit of cooperation and flexibility.

Incredible Adventures cannot detail in advance exactly what will happen at each step along the way or how long each aspect of training and testing will require. We have provided the best estimates based on the Russian Space Agency's years of experience preparing professional cosmonauts for space.



What Does All This Cost? We Don't Know Exactly.

The total cost of this Incredible Adventure can range from \$15 million to \$25 million, depending on the mission profile (Will you be completing research experiments? Would you like to train for a space walk?) and final contract negotiations with the Russian Space Agency.

What Can We Promise You?

You will only pay for the training and services you receive. In the event you do not complete all training, or are not accepted for a flight to space, any unused funds will be refunded per contract terms.

Take the First Step! Get Checked Out!

The Medical Qualification Phase is a valuable and unique experience—even if you never plan to leave the planet. A full adventure package, complete with jet flights, luxury hotel, charter zero-g flight, VIP service, etc. retails for \$179,000. Purchase the medical check alone for significantly less.

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