The aim of the World Space Observatory — Ultraviolet (WSO-UV) mission is to study the Universe in the 100-320 nm range, that is beyond the reach of ground-based instruments but where most of astrophysical processes can be efficiently studied with unprecedented capability. The WSO-UV consists of a 1.7 m aperture telescope (under responsibility of Russia) with instrumentation designed to carry out high resolution spectroscopy (spectral resolution about 55000; under responsibility of Germany), long-slit low resolution spectroscopy (spectral resolution about 2000; under responsibility of China) and direct sky imaging (under responsibility of Spain). The WSO-UV Ground Segment (GS) is under development by Spain and Russia. They will coordinate the Mission and Science Operations and provide the satellite tracking stations for the project.

The WSO-UV will work as a targeted scientific observatory. The following scientific programs will be carried out at the observatory: Core Program (CP), Funding Bodies Program (FBP) and Open Program (OP).

The CP of scientific observations with the WSO-UV will be defined by the WSO-UV Science committee to allow the conduction of high impact or legacy scientific projects that deserve large amounts of observing time. They will be selected on the basis of their scientific excellence. The FBP is the guaranteed time granted to each one of the national bodies funding the WSO-UV project.

Besides the Core Program and guaranteed time for involved partner countries and instrument manufacturers, there will be a guest observer program for everyone, the Open Program (OP). OP consists of astronomical observations obtained with the WSO-UV by astronomers who may or may not belong to the WSO-UV international consortium. It is open to excellent scientific projects from the world-wide community and occupies up to 40% of total observational time.

Time Allocation Committee, appointed by the Agencies funding the project, will select the scientific programs for the OP and the CP, while Funding Bodies Time Allocation Committees will select the scientific programs for the FBP. The CP call will be issued after preliminary performance of telescope and instruments are known, one year before the launch of the WSOUV for the whole WSO-UV life. OP and FBP calls will be issued twice per year.

The WSO-UV will be running several programs in parallel. A brief summary on the algorithmic strategies analyzed for scheduling optimization will be also presented.