The effect of rhodaxon, an adaptogen preparation based on the Rhodiola rosea extract, upon the physical and intellectual working capacity and psychoemotional state of foreign students during their study in a Russian high school was evaluated. It was established that rhodaxon administration provided increase in the amount of veloergometric work accomplished and reliably increased the kinesthesiometric sensitivity. The drug also lead to marked increased in the general condition and a decrease in the level of psychic fatigue and situational anxiety. On the whole, the pharmacological properties of the rhodaxon preparation studied coincided with those reported for the gold root extract. The fact that the rhodaxon preparation contains no ethyl alcohol extends possibilities of the clinical administration of the new preparation.