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Space Physics: a new undergraduate program in physics BRIAN NORDSTROM, DARREL SMITH, PHILLIP ANZ-MEADOR, Embry-Riddle Aeronautical University — In this paper, we describe a new undergraduate physics program entitled “Space Physics.” Graduate programs in space physics have been around since 1959, however, this is the first undergraduate program of its kind. The B.S. in Space Physics offers the traditional core of physics courses along with four areas of concentration: Astrophysics, Particle Physics & Cosmology, Exotic Propulsion, and Remote Sensing. The program has over 90 students with the first senior class graduating this Spring 2007. The students are actively engaged in undergraduate research projects that prepare them for careers in the aerospace industry as well as graduate school in physics or space physics. The positive *employer feedback* from student internships already indicates that our upper-division students are prepared to move onto careers in the aerospace industry. The demographics as well as the details of undergraduate research projects will be presented in this paper.

Brian Nordstrom
Embry-Riddle Aeronautical University

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