The Aerospace Engineering and Engineering Mechanics Department at San Diego State University offers a graduate program leading to the degree of Master of Science in Aerospace Engineering. A limited number of graduate research assistantships are available for students wishing to pursue graduate studies specializing in structural mechanics. Assistantships will be offered to qualified students on a first-come first-served basis. Graduate students are admitted to the master’s degree program (Master of Science) in Aerospace Engineering in the spring and fall semesters. Research assistantships are awarded only to full-time students pursuing thesis research.

Some of the research topics for which there is funding at present are Progressive failure analysis of composite structures, Design optimization of structures with non-linear transient response, Reliability analysis and optimization of structures, Multi-fidelity modeling and approximations for structural optimization, and Stiffener topology optimization in aircraft structures.

Applicants must have an undergraduate degree in mechanical, aeronautical/aerospace engineering or engineering mechanics. Students with prior course work in solid mechanics, structures, composite materials, finite element methods and optimization will be given preference. However, all candidates are encouraged to apply. Students must demonstrate an above average performance in their course work and obtain satisfactory scores on the TOEFL and GRE exams. Students are encouraged to send completed applications with transcripts, test scores and letter of recommendation directly to the department. More information on the admission procedures is available on the web at http://gra.sdsu.edu/.

The College of Engineering at San Diego State University (SDSU) also offers a doctoral degree program in Applied Mechanics jointly with the University of California, San Diego (UCSD). Doctoral students in the joint doctoral program are supervised jointly by SDSU and UCSD faculty. The doctoral program students are only accepted for the fall semester. More information on the joint doctoral program can be found at our web site http://attila.sdsu.edu/jdp/.

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