



TOPIC # - TDC - 170

NASA Undergraduate Student Design Project

BACKGROUND

NASA seeks to establish collaborations with higher education institutions to better prepare multidisciplinary undergraduate students for complex STEM career pathways. Through the Undergraduate Student Design Projects initiative, students engage in authentic research and design activities directly aligned with current NASA missions.

Selected student teams receive access to NASA's scientific and technical expertise, relevant data sets, and structured mentorship to support the successful completion of their projects and the development of subject-matter proficiency. Throughout the academic year, NASA specialists provide periodic guidance, while a designated faculty advisor offers ongoing day-to-day support. In accordance with institutional requirements, participating students will earn academic credit for their work or apply their project contributions toward their broader academic coursework.

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Teams accepted for this topic will be participating in both TSGC Design Challenge and the NASA USDP program.

Check that your team profile meets the requirements for each program.

See NASA USDP for program information, topics, FAQ, and deadlines.

<https://www.nasa.gov/learning-resources/nasa-undergraduate-student-design-projects/>

DESIGN TEAM PROFILE

NASA MENTOR:	Guidance provided by NASA upon acceptance of project proposal
LEVEL:	See program requirements
MAJOR/DISCIPLINE:	Open to all majors/disciplines
TEAMS:	TSGC may accept more than one team per Challenge
DURATION:	One-semester project for developing the proposal; Second semester will be allowed if the project is accepted by NASA for contribution

