**GNOSEF CATEGORIES**

Students may compete in 13 different categories in the Junior Division (grades 6-8) and 17 different categories in the Senior Division (grades 9-12). A complete description of each category can be found on the ISEF Category Page. Note that some of the ISEF categories are combined for the GNOSEF.

**JUNIOR DIVISION CATEGORIES**

- Animal Sciences
- Biochemistry and Cellular and Molecular Biology
- Behavioral and Social Sciences
- Chemistry
- Earth and Environmental Sciences
- Electrical and Computer Engineering (Robotics, Embedded Systems, Electrical Design)
- Energy: Chemical and Physical
- Engineering Mechanics (Mechanical, Civil and Transportation Engineering)
- Environmental Engineering (Pollution, Recycling, Waste Management)
- Mathematics and Computers and Programming
- Medicine & Health and Microbiology (including Biomedical Engineering)
- Physics and Astronomy
- Plant Sciences

**SENIOR DIVISION CATEGORIES**

- Animal Sciences
- Biochemistry and Cellular and Molecular Biology
- Behavioral and Social Sciences
- Biomedical, Health, and Translational Medical Sciences
- Computational Biology, Bioinformatics, and Biomedical Engineering
- Chemistry
- Earth and Environmental Sciences
- Energy: Chemical
- Energy: Physical
- Environmental Engineering
- Engineering Mechanics
- Embedded Systems and Robotics and Intelligent Machines
- Mathematics and Systems Software
- Materials Science
- Microbiology
- Physics and Astronomy
- Plant Sciences

*Note that there is no TEAM PROJECT category in compliance with ISEF protocol. Schools are allowed to enter 3 projects per category per school in both the Junior and Senior Division with a limit of 3 team projects per division for 1-19 projects submitted in that division, 4 team projects per division for 20-24 submitted projects, and 5 team projects per division for 25+ submitted projects. Teams will compete in their content area.*