THESE DISCIPLINES ARE INCLUDED IN THE 2021 CBL COMPETITION

DISCIPLINE DIVISION

Physical sciences and science technologies ......................................................

  Physical sciences
  Astronomy
  Astrophysics
  Planetary astronomy and science
  Astronomy and astrophysics, other
  Atmospheric sciences and meteorology, general
  Atmospheric physics and dynamics
  Meteorology
  Atmospheric sciences and meteorology, other
  Chemistry, general
  Analytical chemistry
  Inorganic chemistry
  Organic chemistry
  Physical chemistry
  Polymer chemistry
  Chemical physics
  Environmental chemistry
  Theoretical chemistry
  Chemistry, other
  Geology/earth science, general
  Geochemistry
  Geophysics and seismology
  Paleontology
  Hydrology and water resources science
  Geochemistry and petrology
  Oceanography, chemical and physical
  Geological and earth sciences/geosciences, other
  Physics, general
  Atomic/molecular physics
  Elementary particle physics
  Nuclear physics
  Optics/optical sciences
  Condensed matter and materials physics
  Acoustics
  Theoretical and mathematical physics
  Physics, other
  Materials science
  Materials chemistry
  Materials sciences, other
  Physical sciences, other
2021 INCLUDED DISCIPLINES (CONTINUED)

DISCIPLINE DIVISION
Mathematics and statistics .................................................................
  Mathematics, general
  Analysis and functional analysis
  Topology and foundations
  Mathematics, other
  Applied mathematics, general
  Computational mathematics
  Computational and applied mathematics
  Financial mathematics
  Mathematical biology
  Applied mathematics, other
  Statistics, general
  Mathematical statistics and probability
  Mathematics and statistics
  Statistics, other
  Mathematics and statistics, other

DISCIPLINE DIVISION
Computer Sciences - Excludes IT, non-PhD fields, & business school-based majors
  Computer and information sciences, general (non-business school-based only)
  Artificial intelligence
  Computer programming/programmer, general
  Computer science
  Modeling, virtual environments and simulation
  Computer and information systems security/information assurance

DISCIPLINE DIVISION
Engineering and engineering technologies ...........................................
  Engineering
    Engineering, general
    Pre-engineering
    Aerospace, aeronautical and astronautical engineering
  Agricultural engineering
  Architectural engineering
  Bioengineering and biomedical engineering
  Ceramic sciences and engineering
  Chemical engineering
  Chemical and biomolecular engineering
  Chemical engineering, other
  Civil engineering, general
2021 INCLUDED DISCIPLINES (CONTINUED)

DISCIPLINE DIVISION
Engineering and engineering technologies (continued) ..........................................................

Geotechnical and geoenvironmental engineering
Structural engineering
Transportation and highway engineering
Water resources engineering
Civil engineering, other
Computer engineering, general
Computer hardware engineering
Computer software engineering
Computer engineering, other
Electrical and electronics engineering
Laser and optical engineering
Telecommunications engineering
Electrical, electronics and communications engineering, other
Engineering mechanics
Engineering physics/applied physics
Engineering science
Environmental/environmental health engineering
Materials engineering
Mechanical engineering
Metallurgical engineering
Mining and mineral engineering
Naval architecture and marine engineering
Nuclear engineering
Ocean engineering
Petroleum engineering
Systems engineering
Textile sciences and engineering
Polymer/plastics engineering
Construction engineering
Forest engineering
Industrial engineering
Manufacturing engineering
Operations research
Surveying engineering
Geological/geophysical engineering
Paper science and engineering
Electromechanical engineering
Mechatronics, robotics, and automation engineering
Biochemical engineering
Engineering chemistry
Biological/biosystems engineering
2021 INCLUDED DISCIPLINES (CONTINUED)

DISCIPLINE DIVISION
Engineering and engineering technologies (continued) ..........................................................
   Engineering, other

DISCIPLINE DIVISION
Biological and biomedical sciences - PLEASE NOTE: Only the 5 subdisciplines below are INCLUDED; all other biological and biomedical sciences are EXCLUDED
   Biophysics
   *Biochemistry and Molecular Biology - SEE NOTE BELOW
   Bioinformatics
   Computational biology
   Biomathematics, bioinformatics, and computational biology, other

*NOTE: The subdiscipline "Biochemistry and Molecular Biology" together is included; however, "Biochemistry" alone and "Molecular Biology" alone are excluded. This is keeping with the NSF data that indicates that women are still underrepresented in the subdiscipline "Biochemistry and Molecular Biology," but not in the broader "Biochemistry" and "Molecular Biology" disciplines.

DISCIPLINES BELOW ARE EXCLUDED FROM THE 2021 CBL COMPETITION

DISCIPLINE DIVISION
Biological and biomedical sciences
   Biology/biological sciences, general
   Biomedical sciences, general
   *Biochemistry - SEE NOTE ABOVE
   *Molecular Biology - SEE NOTE ABOVE
   Molecular biochemistry
   Molecular biophysics
   Structural biology
   Radiation biology/radiobiology
   Biochemistry, biophysics and molecular biology, other
   Botany/plant biology
   Plant pathology/phytopathology
   Plant physiology
   Plant molecular biology
   Botany/plant biology, other
   Cell/cellular biology and histology
   Anatomy
   Developmental biology and embryology
   Cell/cellular and molecular biology
   Cell biology and anatomy
   Cell/cellular biology and anatomical sciences, other
2021 EXCLUDED DISCIPLINES (CONTINUED)

- Microbiology, general
- Medical microbiology and bacteriology
- Virology

DISCIPLINE DIVISION

Biological and biomedical sciences (continued)

- Parasitology
- Immunology
- Microbiology and immunology
- Microbiological sciences and immunology, other
- Zoology/animal biology
- Entomology
- Animal physiology
- Animal behavior and ethology
- Wildlife biology
- Zoology/animal biology, other
- Genetics, general
- Molecular genetics
- Animal genetics
- Plant genetics
- Human/medical genetics
- Genome sciences/genomics
- Genetics, other
- Physiology, general
- Molecular physiology
- Cell physiology
- Endocrinology
- Reproductive biology
- Cardiovascular science
- Exercise physiology
- Vision science/physiological optics
- Pathology/experimental pathology
- Oncology and cancer biology
- Physiology, pathology, and related sciences, other
- Pharmacology
- Molecular pharmacology
- Neuropharmacology
- Toxicology
- Molecular toxicology
- Environmental toxicology
- Pharmacology and toxicology
- Biometry/biometrics
- Biostatistics
2021 EXCLUDED DISCIPLINES (CONTINUED)

Biotechnology
Ecology
Marine biology and biological oceanography
Evolutionary biology

DISCIPLINE DIVISION

Biological and biomedical sciences (continued)
Aquatic biology/limnology
Environmental biology
Population biology
Conservation biology
Systematic biology/biological systematics
Epidemiology
Ecology and evolutionary biology
Ecology, evolution, systematics and population biology, other
Molecular medicine
Neuroscience
Neuroanatomy
Neurobiology and anatomy
Neurobiology and behavior
Neurobiology and neurosciences, other
Biological and biomedical sciences, other

Medical and Health Sciences not listed above are also EXCLUDED

DISCIPLINE DIVISION

Natural Resources and Conservation
Environmental science
Environmental studies

DISCIPLINE DIVISION

Social & Behavioral Sciences - All Social & Behavioral Sciences are EXCLUDED - e.g., Sociology, Anthropology, Archaeology, Psychology, Political Science, Economics, Linguistics, Human Geography,

IF, AFTER REVIEWING THIS LIST, YOU STILL HAVE QUESTIONS ABOUT INCLUDED/EXCLUDED DISCIPLINES (E.G., INTERDISCIPLINARY MAJORS/DEGREES) PLEASE CONTACT CBL PROGRAM STAFF