Export Controlled Items and Technologies

This is a general list of the particular areas called out in the export control lists. Contact Export Control for a more in-depth review to see if a license or license exception is required prior to export.

* Life Sciences (biotech and biomed engineering) and Chemicals (including medical center and health sciences research)
* Nanotechnology and materials technologies – ex. composites and ceramics (ex., various nanotech and sensor programs)
* Advanced computing, microelectronics and telecommunications
* Information security and encryption
* Applied physics – ex. lasers and directed energy systems
* Sensors, sensor technology, imaging
* Advanced avionics and navigation (EAR), and Space-related technologies and prototypes (ITAR exclusive jurisdiction)
* Marine technologies
* Sophisticated machine tool technologies and bearings
* Robotics
* Items or technology specially developed for the military

Export Restricted Biologicals

* For researchers in the Health Sciences or working with biological items there are a number of infectious and toxic items that will require export licenses prior to being shipped outside the U.S.
* These include attenuated forms of bacteria, toxins, virus, and fungi or animals or material containing those items that are on the [Export Restricted Biologicals and Select Agents List – Category 1.](https://www.bis.doc.gov/index.php/regulations/export-administration-regulations-ear)
* There are many items that are not select agents, but do require export licenses even for miniscule quantities or for snippets of genomic elements. Contact export control if you have any planned shipment of these items so we can file the required export licenses which may take 6 weeks or longer to obtain.