All medical students belong to the Creighton Medical Student Government (CMSG). CMSG is an active body with representation on key committees within the School of Medicine and the University. Medical students are also actively involved in the American Medical Association (AMA-MSS), American Medical Student Association (AMSA), American Medical Women’s Association (AMWA), Student National Medical Association (SNMA), and other professional societies.

The School of Medicine also supports two honorary societies including Alpha Omega Alpha Medical Honor Society and the Gold Humanism Honor Society. In addition, several societies and clubs are active within the school and include:

- American Medical Association - Medical Student Section (AMA-MSS)
- American Association of Physicians and Surgeons
- American Medical Women's Association (AMWA)
- Anesthesiology Interest Group
- Catholic Medical Student Association
- Christian Medical and Dental Association
- Clinical Case Review Club
- Clinical Skills Club
- Creighton Medical Student Government
- CUSOM Advocates
- CUSOM Advocates, Phoenix Branch
- Emergency Medicine Interest Group
- Family Medicine Interest Group - Phoenix
- Fit for Life
- Friends Organization
- Global Medicine Student Interest Group
- Hiking Club
- Internal Medicine Interest Group
- Magis Medical Clinic
- Married to Medicine Club
- Maya Community Health Collaborative (MCHC)
- Medical Anthropology and Sociology Society
- Medical Humanities Club
- Medical Spanish Society
- Medical Student Research Initiative
- Military Medical Student Association
- Multicultural Health Sciences Student Association
- Ophthalmology Interest Group
- Orthopedic Surgery Interest Group
- Partners Against Cancer
- Pediatric Interest Group
- Perinatal Experience
- Phi Rho Sigma Medical Society
- Premedical Society
- Project Cura (Creighton United in Relief Assistance)
- Sports Medicine Interest Group
- Student Interest Group in Neurology
- Student National Medical Association
- Surgery Club