University of Minnesota Board of Regents
Academic and Student Affairs Committee
October 8, 2015

Consent Report

I. Request for Approval of New Academic Programs

- **College of Science and Engineering (Twin Cities campus)—Create graduate minor in Cyber Security**

  The College of Science and Engineering on the Twin Cities campus requests approval to create a graduate minor in Cyber Security effective fall 2015. The proposed program integrates the fields of technology, security, and management to provide students with the skills and insights to assume a leadership role in cyber security and its role in complex organizations. The curriculum applies fundamental concepts of business management, organizational leadership, and risk management techniques and strategies, each as applied in the context of cyber security, to empower engineering, technology and business professionals to adapt and lead in the field of cyber security.

  *Contact: Damian Damiani (damian@umn.edu)*

- **Medical School (Twin Cities campus)—Create residency in Interventional Radiology**

  The Medical School on the Twin Cities campus requests approval to create a residency in Interventional Radiology, effective summer 2017. Program fellows will acquire the necessary skills and knowledge to gain expertise in the diagnosis and treatment of medical conditions via radiological and other imaging technologies. Trainees can complete this residency in an independent, two-year format, or via an integrated five-year program.

  *Contact: Karla Hemesath (hemes002@umn.edu)*

- **Medical School (Twin Cities campus)—Create fellowship in Pediatric Hospital Medicine**

  The Medical School on the Twin Cities campus requests approval to create a fellowship in Pediatric Hospital Medicine, effective summer 2016. The two-year program provides fellows with the necessary skills and knowledge for excellence in evidence-based practices in hospital care, standardized care, procedural care, and scholarly productivity relevant to the hospital setting.

  *Contact: Karla Hemesath (hemes002@umn.edu)*
II. Request for Changes to Academic Programs

- **College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Change name of Ph.D., M.S., and minor degrees in Conservation Biology to Conservation Sciences**

  The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to change the name of the Doctor of Philosophy (Ph.D.) and Master of Science (M.S.) degrees, as well as the minor in Conservation Biology to Conservation Sciences, effective fall 2016. Conservation biology does not adequately cover the scope of research performed by faculty and students. Conservation Sciences has emerged as a the most appropriate way to encompass the work done in this discipline and is increasingly used by universities, governmental agencies, and other organizations.

  *Contact: Andrew Simons (asimons@umn.edu)*

- **College of Science and Engineering (Twin Cities campus)—Create subplan for dual M.S./B.Env.E. degrees in Civil Engineering and Geoengineering**

  The College of Science and Engineering on the Twin Cities campus requests approval to create a dual Bachelor of Environmental Engineering (B.Env.E.) and Master of Science (M.S.) degree, effective fall 2015. The proposed dual degree will be a partnership between the B.Env.E. degree (for which there is no master’s degree) and the M.S. degree in either Civil Engineering or GeoEngineering.

  *Contact: Jill Johnson (jill@umn.edu)*

- **School of Dentistry (Twin Cities campus)—Create a dual degree program in Dental Hygiene (B.S.) and Dental Therapy (M.S.)**

  The School of Dentistry on the Twin Cities campus requests approval to create a dual degree between the Bachelor of Science (B.S.) in Dental Hygiene and the Master of Science (M.S.) in Dental Therapy, effective fall 2016. The proposed dual degree program will be a partnership between the aforementioned existing degree programs and is a direct response to the expressed needs of graduates, and the dental workforce. The proposed program will provide students with all the coursework needed for state licensure as a hygienist and an advanced dental therapist.

  *Contact: Christine Blue (bluex005@umn.edu)*