Establishing the Master of Science in Technology Innovation

RECOMMENDED ACTION

It is the recommendation of the administration and the Academic and Student Affairs Committee that the Board of Regents grant authority to the Interdisciplinary Global Innovation Exchange Group in the Graduate School to offer the Master of Science in Technology Innovation degree program, effective Autumn Quarter 2017. This will be a fee-based program offered in coordination with UW Professional and Continuing Education and the Global Innovation Exchange. The degree program will have provisional status with a review to be scheduled for the 2019-2020 academic year. At such time that continuing status is granted, a ten-year review cycle would begin.

BACKGROUND

In April 2015, the Graduate School established the Interdisciplinary Global Innovation Exchange Committee at the request of Graduate Faculty from the Departments of Computer Science & Engineering, Electrical Engineering, Human Centered Design & Engineering, and the Information School. The Graduate School then received notification of intent to plan the Master of Science in Technology Innovation from the Interdisciplinary Committee in April 2015. After university-wide stakeholder comment, the faculty developed a full proposal that was submitted to the Graduate School in July 2015.

The Master of Science in Technology Innovation program will prepare students for a broad set of entrepreneurial career paths by exposing them to the intersections of design thinking, technology development, and entrepreneurship. Students will work in small teams in a setting conducive to risk-taking and experimentation, learning to work effectively across disciplines. Cohorts will be immersed in a culture of rapid ideation, critique, and iteration, with frequent practice pitching product ideas and receiving feedback. At conclusion, students may develop an integrated product ready for a new startup venture or an initial product concept for an established company.

The Master of Science in Technology Innovation is a 15-month program that anticipates enrolling a total of 140 students at maturity. Classes will be held in a new Global Innovation Exchange facility in the Spring District in Bellevue. The degree will be offered initially with a program focus on Connected Devices. The interdisciplinary faculty group anticipates creating additional degree options as the Global Innovation Exchange initiative grows.
In July 2015, the Vice Provost and Dean of the Graduate School appointed two outside reviewers to evaluate the degree proposal. The reviewers both supported approval of the degree program. Each reviewer also made specific recommendations for improving the program, to which the program provided detailed responses.

The Graduate School Council met on March 17, 2016, to discuss the degree proposal. The Council recommended that the proposal be forwarded to the Board of Regents for final approval. The Vice Provost and Dean of the Graduate School concurred with this recommendation.

The Vice Provost and Dean of the Graduate School and the Provost have reviewed and approved the recommendation to approve the Master of Science in Technology Innovation.

Attachment
New Graduate Degree Proposal – UW Seattle
New Graduate Degree Proposal – UW Seattle

IDEA STAGE
Conversations with:
- Faculty/Deans/Chancellors;
- PCE (fee based programs);
- Office of Planning & Budgeting & Provost office;
- Other stakeholders.

PLANNING NOTICE OF INTENT (PNOI)
- Faculty lead contacts the Office of Academic Affairs and Planning (OAAP) in the Graduate School for proposal guidelines;
- Submit PNOI to OAAP.

PNOI COMMENT PERIOD
- 10 day stakeholder comment period (all three campuses);
- Includes UW Libraries, Registrar’s Office and GEMS.

EXTERNAL REVIEW
- Unit submits revised proposal to OAAP;
- OAAP sends proposal to external reviewers;
- Unit responds to reviewers’ comments.

FULL PROPOSAL DEVELOPMENT
- Addresses stakeholders feedback;
- Includes tuition tier (state-funded programs) or draft of MOA (fee based programs);
- Unit contacts Student Financial Aid;
- Submit preliminary draft to OAAP for review and comment.

GRADUATE SCHOOL
- Graduate School Dean authorizes proposal development

GRADUATE SCHOOL COUNCIL
- Council considers proposal including final MOA;
- After presentation, unit incorporates feedback, if needed;
- Graduate Dean authorizes sending proposal to Board of Regents.

BOARD OF REGENTS
- Degree approval;
- Provost confirms Regents’ approval.

PROGRAM LAUNCH
- Unit works with Graduate Enrollment Management Services to create academic profile;
- Degree Program 5 year review cycle begins.

CREATE CODE
OAAP directs Registrar to create new program code.

ATTACHMENT
A–2.1/204-16
4/14/16