

Graduate Council Program Review Summary

Prepared by: Agamemnon Crassidis, Chair, Graduate Council

Program Title	Computer Science	
Originating College	GCCIS	
Program Contact	Hans-Peter Bischof	
Degree Type	Master of Science, M.S.	
SCH New Program	30	
QCH Old Program	45	
NYSED IRP Code:	09146	
HEGIS Code:	0701.00	
Conversion Type	Type 1 Conversion: <input type="checkbox"/>	Type 2 Conversion: <input checked="" type="checkbox"/>
Recommendation	Graduate Council recommends approval of this program	
Responsible Sub-Group	Graduate Council Group B	
Meeting Date/Time	Wednesday, February 16 th , 2011/10 am – 11 am	
Meeting Attendance	Agamemnon Crassidis (KGCOE); Don Wilson (SCB); Hossein Shahmohamad (COS); Julius Chiavaroli (NTID); Steve Polly (Student Rep, KGCOE); Christine Licata (Provost Haefner's Delegate); Angela Kelly (CIAS); Rudy Pugliese (CoLA); Hans-Peter Bischof (GCCIS); Paul Tymann (GCCIS); Pete Lutz (GCCIS)	
Meeting Location	CST Rm 82-1150	
Checklist Complete?	Yes	
Concerns?	No major concerns sited.	
Discussion	<p>The proposed semester-based program is a direct conversion from the current quarter-based model (45 QCH to 30 SCH). The current quarter-based program has a 4 QCH required Algorithms type course and a 2 QCH MS Seminar course. The current culminating experience is either a 7 QCH Thesis or 2 QCH Capstone project. Currently ~20% of the students take the thesis option and ~80% take the capstone project option. The thesis option is more research oriented where the students perform one or two independent studies whereas the students in the capstone project option perform no or one independent study with little or no research interest. The capstone project option is a terminal degree so that students who perform that option typically cannot be accepted into a Ph.D. in Computer Science program. Same culminating experience element structure is proposed for the new program. The current and proposed program contains 9 clusters: <i>Architecture and Operating Systems, Computational Vision and Acoustics, Computer Graphics and Visualization, Data Management, Distributed Systems, Intelligent Systems, Languages and Tools, Security, and Theory</i>. However, the number of courses comprising a cluster is proposed to be reduced from 4 to 3 courses. The current student cohort is ~20% domestic students (with ~15 BS/MS students) and ~80% international students from countries India, Iraq, Turkey, Bolivia, Japan, China, etc. The current enrollment trends are increasing with 453 applications for the Class starting in 2010 (representing a 6% increase) and 26% increase in applications for the Class starting in 2011. There were 303 students admitted this year (a decrease of 22 students from the previous year) but there was 101 paid</p>	

deposits received (an increase of 21 students compared to 2009). For the proposed semester-based program there is a 3 SCH Algorithms required course either a 3 SCH Graduate Research Seminar course intended for students taking the thesis option or a 3 SCH Graduate Professional Seminar course intended for students taking the capstone project option. The two paths (Research and Professional were formalized for the new proposed program). The culminating element is a 6 SCH Thesis or a 3 SCH Capstone project. All current cross-listed courses were eliminated with the UG students encouraged to take the Graduate courses. Also, ~30 courses were deleted mostly due to not being offered over a significant period of time.

-Julius Chiavaroli: wondered of the students select the Research and Professional path early into the program and how do they change if they do so desire?

-Ans from Hans-Peter Bischof: students are presented paths during orientation. The program is setup so that students can change paths easily due to the similar structure of both paths. So far one student has changed paths.

-Agamemnon Crassidis: asked if the TOEFL and GRE are required for students entering the current and proposed program (commented on the large number of international students)?

-Ans from Hans-Peter Bischof: both are required. Follow the RIT standard admission requirement for the TOEFL exam. The students must have a 700 or higher score for the analytical part of the GRE to be admitted into the program.

-Don Wilson: noted that 80% of the students are currently international students. Worried about the reliance of a large number of international students in the current program, particularly number of Indian students. Commented on the viability of keep the enrollment trends if things turn for the worse internationally.

-Ans from Hans-Peter Bischof: yes, aware of the problem. Working on transitioning and reaching out to mode domestic students. Know we have to do a better job of recruiting more domestic students. Having on-going conversation with the Dean of Graduate Studies to achieve this goal.

Vote Tally	Approve: 10	Not Approve: 0	Abstain: 0
Signature	Agamemnon Crassidis	<i>Agamemnon Crassidis</i>	