

**Report on the Institute Undergraduate Curriculum Committee
2004-2005
6 October 2005**

Members

Lloyd Byars, Jung Choi, Mary Clark (SGA), Jeffrey Davis, Gail DiSabitino, Mark Guzdial, Christopher Jarrett, Gordon Kingsley, Paul Kohl, Christopher Lynch, Jo McIver, Bob McMath, Charles Parsons, Charles Rudolph, Michael Schatz, Terry Snell, John Stasko, John Tone, Don Webster, Doug Williams, Scott Wills (chair)

The IUCC held 24 regular meetings during the 2004-2005 plus additional meetings on focused topics (General Education, Study Abroad, Program Review). The work of the committee falls into four main categories (Curriculum Items, Student Petitions, General Education, Study Abroad, and Program Review). Activities in each of these areas are outlined below.

Curriculum Items: Over the 2004-2005 year, the IUCC approved several modifications and additions to Georgia Tech's degrees.

New courses were approved in:

1. Chemical and Biomolecular Engineering
2. Public Policy
3. Georgia Tech Lorraine
4. College of Engineering
5. Civil and Environmental Engineering
6. Earth and Atmospheric Sciences
7. Biology
8. Biomedical Engineering
9. Aerospace Engineering
10. Materials Science and Engineering
11. Naval Science
12. International Affairs
13. Architecture
14. Modern Languages
15. Mathematics
16. Physics
17. Electrical and Computer Engineering
18. Chemistry

19. Center for the Enhancement of Teaching and Learning
20. Literature, Communications, and Culture
21. Mechanical Engineering
22. Economics
23. Computer Science
24. History Technology and Society

A new minor was approved in:

1. Law, Science, and Technology

A new certificate was approved:

1. Pre-Law Certificate

QEP: The IUCC invested significant effort in consideration of two QEP activities: **International Plan** and **Research Option**. These programs have a great impact on many of Georgia Tech's academic programs and many issues, large and small, were considered.

Student Petitions and Appeals: The IUCC heard 738 petitions and 27 personal appeals. This accounts for approximately 75% of IUCC meetings, accounting for 35 hours of meeting time over the school year. Personal appeals are also increasing (27 in 04-05 versus 12 in 03-04), prompting the need to revisit and revise the petition and appeal process in future years.

General Education: The General Education subcommittee of the IUCC continued their work on implementation and assessment of General Education across the Institute. The General Education subcommittee (Jung Choi (chair), Gordon Kingsley, Michael Schatz, and Jonathan Gordon) continued development of this process in Science, Math, Writing, Presentation Skills, and Health and Wellness.

Study Abroad: The Study Abroad subcommittee, including IUCC members John Tone (chair), Doug Williams, and Jo McIver participated in five study abroad meetings throughout the 2004-2005 school year.

Summary: The 2004-2005 school year has been busy and productive for the IUCC. The scope of activities continues to increase. Workload for the IUCC has reached a critical level that will be difficult to maintain. Petitioning rates are approaching 7% per year, so that during a four year degree program, the odds are one in four

that a student will file a petition. Personal appeals that were almost unknown in previous years, now consume nine meetings hours. The appeal rate is rapidly increasing, more than doubling in each of the last two years. At this rate of increase, processing appeals will fill all 24 two-hour IUCC meetings within three years. Essential IUCC responsibilities such as program review, general education assessment, study abroad review, and ongoing institute academic activities (e.g., QEP) will be abandoned under the weight of petition and appeal processing.

An Executive Board examination of institute committee structure related to these activities is recommended.