



**Institute Undergraduate Curriculum Committee
MINUTES**

29 March 2006

3:00-5:00 PM

College of Sciences Conference Room

PRESENT: Williams (ECE), Parsons (MGT), Ferri (ME), Pikowsky (Registrar), Kingsley (PubP), Webster (CEE), Guzdial (CoC), Stasko (CoC), Kohl (ChBE), Rudolph (ARCH), Benkeser (BME)

VISITORS: Bradd (Registrar), Mason (ML), Shook (ML), Hughes (ECE), McKnight (ML), Cockran (INTA), Choi (BIOL), Mason (ML), Kikuchi (ML), Choy (ML)

Academic Matters

1. A motion was made to require 2006 Freshman Summer Session students to observe the regulations regarding concurrent enrollment in the same way as other students. The motion was seconded and approved.
2. A motion was made to waive the requirement that students who participate in extracurricular activities must be degree-seeking students at Tech for four exchange students who have requested permission to participate in the Rugby Club. The motion was seconded and approved.
3. A motion was made to approve a package of requests from the School of Modern Languages. The motion was seconded and approved.
 - a. To add Chinese to the Bachelor of Science degree in International Affairs and Modern Languages and Global Economics and Modern Languages.
 - b. Add new Chinese courses.

NEW COURSES

CHIN 1011 Accelerated Elementary Chinese I 4-0-4
CHIN 1012 Accelerated Elementary Chinese II 4-0-4
CHIN 2011 Accelerated Intermediate Chinese I 3-0-3
CHIN 2012 Accelerated Intermediate Chinese II 3-0-3
CHIN 3691 Chinese for Current Events 3-0-3
CHIN 3692 Business Chinese 3-0-3
CHIN 4001 Chinese Stylistics I 3-0-3
CHIN 4002 Chinese Stylistics II 3-0-3

- c. Add new courses in Japanese and Spanish.

NEW COURSES

JAPN 4113 Advanced Reading and Listening in Japanese 3-0-3
JAPN 4123 Technical & Business Japanese Translation 3-0-3
JAPN 4133 Introduction to Japanese Linguistics 3-0-3
JAPN 4743 Japanese Society and Politics 3-0-3
SPAN 4065 Spanish Linguistics 3-0-3
SPAN 4070 Introduction to Spanish/English Translation 3-0-3

- d. Add new courses Special Problems and Special Topics courses in Arabic, Korean, and Japanese.

NEW COURSES - Special Problems

ARBC 4901 Special Problems in Arabic 1 to 21-0-1 to 21
ARBC 4902 Special Problems in Arabic 1 to 21-0-1 to 21
JAPN 4902 Special Problems in Japanese 1 to 21-0-1 to 21
KOR 4901 Special Problems in Korean 1 to 21-0-1 to 21
KOR 4902 Special Problems in Korean 1 to 21-0-1 to 21

NEW COURSES - Special Topics

ARBC 1813, 1814, 2813, 3813, 4813 Special Topics in Arabic
3,4-0-3,4
CHIN 1813, 1814, 2813 Special Topics in Chinese 3,4-0-3,4
FREN 1813, 2813 Special Topics in French 3-0-3
GRMN 1813, 2813 Special Topics in German 3-0-3
JAPN 1814, 2813, 3813 Special Topics in Japanese 3,4-0-3,4
KOR 1813, 1814, 2813, 3813, 4813 Special Topics in Korean 3,4-0-3,4
LING 1813, 2813 Special Topics in Linguistics 3-0-3
ML 2813, 4813 Special Topics in Modern Languages 3-0-3
RUSS 1813, 1814, 2813 Special Topics in Russian 3,4-0-3,4

- e. Deactivation of Special Topics course numbers.

DEACTIVATE

CHIN 3811, 3812, 3814, 3815, 4811, 4812, 4814, 4815
FREN 3811, 3812, 3814, 3815, 4811, 4812, 4814, 4815
GRMN 3811, 3812, 3814, 3815, 4811, 4812, 4814, 4815
JAPN 1803, 4811, 4812, 4814, 4815

LING 3803, 4811, 4812, 4814, 4815
ML 1801, 1802, 1805, 1811, 1812, 1815, 1821, 1822, 1825, 1831, 1832,
1835
RUS 4811, 4812, 4814, 4815
SPAN 1811, 1812, 1815, 2811, 2812, 32814, 2815, 3811, 3812, 3814,
3815, 4811, 4812, 4814, 4815

4. A motion was made to approve a request from the School of Economics for two new courses. The motion was seconded and approved.

NEW COURSES

ECON 4232 Labor Economics 3-0-3
ECON 4357 Law and Economics of the Global Trading System 3-0-3

5. A motion was made to table a request from the School of Economics for two new courses pending review by Finance faculty in the College of Management. The motion was seconded and approved.

NEW COURSES - TABLED

ECON 4351 International Financial Economics 3-0-3
ECON 4355 Global Financial Economics 3-0-3

6. A motion was made to approve a request from the School of Materials Science and Engineering to participate in the Research Option. The motion was seconded and approved.
7. A motion was made to approve a request from the School of Biology to change the name of their degree from "Applied Biology" to "Biology". The motion was seconded and approved.
8. A motion was made to approve a request from the School of Chemical and Biomolecular Engineering to participate in the Research Option. The motion was seconded and approved.
9. A motion was made to approve a request from The Center for the Enhancement of Teaching and Learning to change the distribution of hours for two CETL courses. The motion was seconded and approved.

CHANGED COURSES

CETL 4001 2-3-3 to 3-0-3
CETL 4002 1-6-3 to 2-3-3

10. A motion was made to approve a request from the School of Electrical and Computer Engineering to participate in the Research Option for BSEE or BSCmpE degrees. The motion was seconded and approved.

11. A motion was made to approve a request from the School of Electrical and Computer Engineering for new courses. The motion was seconded and approved.

NEW COURSES

ECE 4555 Embedded and Hybrid Control Systems 3-0-3

ECE 4606 Wireless Communications 3-0-3

ECE 4607 Mobile and Wireless Networks 3-0-3

BMED/ECE 4784 Engineering Electrophysiology 3-0-3

12. A motion was made to approve a request from the School of Electrical and Computer Engineering for modification of the Social Sciences requirement. The motion was seconded and approved.

Modify the **Social Sciences** requirement for both the Bachelor of Science in Electrical Engineering and the Bachelor of Science in Computer Engineering degrees, as specified below. (*Added text; deleted text.*)

Social Sciences, twelve hours: must include HIST 2111, HIST 2112, POL 1101, PUBP 3000, or INTA 1200; must include ECON 2100, **ECON 2101**, ECON 2105, **or** ECON 2106, ~~or a course satisfying the Global Economics requirement of the International Plan degree designation;~~ refer to pages 35-36 for a list of approved courses to satisfy the remaining hours.

This modification replaces the general statement regarding the International Plan economics course with the specific course ECON 2101, which had not been approved at the time of the previous modification of these requirements. Note that this change applies to **all** versions of both degrees, including both the International Plan and Research Thesis designations.

13. An informational item was presented by the School of Electrical and Computer Engineering for modification of course prerequisites.

Modify course prerequisites, as specified below. (Changes are shown in **bold** type.)

ECE 4000 – senior standing and ECE 3040 (concurrency allowed) and (ECON 2100 **or** **ECON 2101** or ECON 2105 or ECON 2106) and (CEE 3770 or ISYE 3770 or MATH 3770 or ISYE 2027)

ECE 4270 – ECE 3075 (**with concurrency**)

ECE 4271 – ECE 4270 (**with concurrency**)

ECE 4601 – ECE 3040 (with concurrency) and (CEE 3770 or ISYE 3770 or MATH 3770 or ISYE 2027)

14. A motion to approve a request from the School of Psychology to change the course number for Psych 4750 Psych 3750. This course is cross-listed and has been approved as CS 3750. The motion was seconded and approved.

CHANGED COURSE

PSYCH 4750 changed to PSYCH 3750

15. A motion was made to approve a request from the Schools of International Affairs and Economics for two new capstone courses. The motion was seconded and approved.

NEW COURSES

INTA 4740/ECON 4740 Senior Seminar in Political Economy 3-0-3

INTA 4741/ECON 4741 Senior Thesis in Political Economy 3-0-3

16. A motion was made to approve a request from the School of International Affairs for two new courses. The motion was seconded and approved.

NEW COURSES

INTA 4743/JAPN4743 Japanese Society and Politics 3-0-3

INTA 4007 Intelligence and International Security 3-0-3

17. A motion was made to approve a request from the College of Management for a change in title and description for MGT 4660. The motion was seconded and approved with the caveat that the Registrar would determine whether a new number needs to be assigned. Note: The Registrar has determined that a new number will be assigned.

DEACTIVATE

MGT 4660 Entrepreneurship for Engineers 3-0-3

ADD

MGT 4670 Entrepreneurship 3-0-3

18. A motion was made to approve a request from the School of Polymer, Textile, & Fiber Engineering to change the statics/dynamics/strength of materials requirements for the Polymer & Fiber Engineering degree to

bring them in line with those of the other COE schools. The motion was seconded and approved.

Change BS PFE degree requirements to:

Remove CEE 2020 Statics and Dynamics 3-0-3

Remove CEE 3030 Strength of Materials 3-0-3

ADD COE 2001 Statics 2-0-2

ADD COE 3001 Deformable Bodies 3-0-3

ADD 1 hour approved elective

19. A motion was made to table requests from the School of Polymer, Textile, & Fiber Engineering to change the name of their certificate/minor program and to change the PTFE 4108 course requirement for the current FEM minor program. The Registrar's Office will contact the Department for more information. The motion to table was seconded and approved.
20. A motion was made to accept the 2005 Program Reviews for the School of Economics, the School of Civil and Environmental Engineering, and the School of Polymer, Textile, and Fiber Engineering. The motion was seconded and approved.
21. The summary of actions acted on petitions is provided in a separate document.
22. Petitions not acted on were placed on the agenda for the next meeting of the Petitions Subcommittee on April 5, 2006.

Adjourned,



Reta Pikowsky
Registrar