

**REASONABLE AND MODERATE EXTENSION (RME): M.S. ELECTRICAL AND
COMPUTER ENGINEERING AND J.D. IN LAW, CONCURRENT DEGREES
COLLEGE OF ENGINEERING, THE GRADUATE SCHOOL, AND THE SCHOOL OF LAW**

I. Program inventory

A. Current

<u>CIP</u>	<u>Major</u>	<u>Specialization/ Concentration</u>	<u>Degree</u>	<u>Unit</u>
	ECE		M.S.	College of Engineering/Graduate School
	Law		J.D.	School of Law

B. Proposed

<u>CIP</u>	<u>Major</u>	<u>Specialization/ Concentration</u>	<u>Degree</u>	<u>Unit</u>
	ECE		M.S.	College of Engineering/Graduate School
	Law		J.D.	School of Law

I. Reason for proposed action

This is a proposal to institute a concurrent M.S./J.D. program, to be administered by the Graduate School the College of Engineering and the School of Law. Accepted students could complete the concurrent program in as few as three years, including summers.

II. Anticipated budgetary effects

The additional costs of the program would be minimal and would consist of minor clerical and student support costs that would be borne by the participating units.

III. Arrangements to be made for (a) affected faculty, staff and students; and (b) affected equipment and physical facilities

Both the M.S. degree in Electrical and Computer Engineering and the J.D. offered by the School of Law will continue to exist independently. The J. D. requires 90 hours. The M.S. degree in Electrical and Computer Engineering requires 30 hours of coursework. Students applying to receive a joint degree may apply nine hours of Electrical and Computer Engineering courses toward the J.D. degree and may apply nine hours of law courses toward the Electrical and Computer Engineering degree.

Students receiving a J.D./M. S. degree in Law and Electrical and Computer Engineering may pursue a “thesis option” or “non-thesis” option as described below.

Students pursuing a “thesis” option for a joint J.D./M.S. in Electrical and Computer Engineering are required to take thirty hours of coursework. Their coursework must include Engr 599 Thesis (6 hours) and Engr 592 Special Investigations (3 hours). These nine hours will be applied toward the law degree and will require law students to complete a maximum of 81 hours of law credit towards the 90 hour graduation requirement.

Students pursuing a “non-thesis” option for a joint J.D./M.S. degree in Electrical and Computer Engineering are required to complete thirty hours of coursework. Their coursework must include Engr 592 Special Investigations (3 hours), Engr 593 or 595 Research Paper (3 hours) and one additional three hour engineering course recommended by the student’s advisor. These nine hours will be applied toward the law degree and will require students to complete a maximum of 81 hours of law credit towards the 90 hour graduation requirement.

Law Students who have obtained a Bachelor of Science degree in Engineering can apply up to nine hours of law courses toward the M.S. degree in Electrical Engineering from the following list of law courses:

- Law 525 – Federal Income Taxation
- Law 528 – Corporations
- Law 545 – International Trade Law
- Law 546 - Federal Business Taxation
- Law 548 - Environmental Law I: Laws and Policies
- Law 559 – International Business Transactions
- Law 562 – Copyright Law
- Law 564 – Law and Economics
- Law 565 – Antitrust
- Law 567 – Electronic Commerce
- Law 568 – Water Law
- Law 586 – Business Planning
- Law 610 – Federal Regulation of Electronic Media
- Law 630 – Intellectual Property
- Law 634 – Trademarks and Unfair Competition
- Law 660 – Food, Drug and Medical Device Law

V. Will other educational units, curricula, or degrees be affected by this action

No other units, curricula or degree programs will be affected.

VI. Any other relevant information

None

VII. Catalog copy to be deleted or added

SIU is one of the few institutions in the country to offer a concurrent degree in Law and Computer and Electrical Engineering. Students prepared in this program will be expected to possess an undergraduate degree in engineering. Students will be able to tailor their program of study to focus on legal principles and policies affecting the engineering profession including patent, copyright, trademark, environmental law, and food and drug laws. Students must meet the

requirements of admission and be admitted separately to the College of Engineering and the School of Law. Law students interested in this program should consult with the School of Law Associate Dean for Academic Affairs and with the College of Engineering Department of Electrical and Computer Engineering.

VIII. The requested effective date of implementation

The requested effective date of implementation is as soon as possible.



(Form 90-A)

Notice of Change of Academic Requirements
Southern Illinois University Carbondale

This form should be used for requesting changes in requirements of a degree granting unit, major, minor, concentration, specialization, certificate program and miscellaneous changes of any academic program. (See instructions)

1. This change is for: Graduate Catalog

(Please submit two forms if change relates to both graduate and undergraduate programs)

2. Name of units, department:

- a. Degree granting academic unit (College or School) College of Engineering
b. Department or Division
c. Degree Type (BS, MS etc) J.D./MS in ECE
d. Major concurrent program in Electrical and Computer Engineering
e. Minor
f. Concentration
g. Specialization

3. Brief Summary of Change (use additional page if necessary):

The Master of Science in Electrical and Computer Engineering and Doctor of Jurisprudence can now be met concurrently.

4. Specific Changes:

If changes are editorial and minor, please make a copy of the actual catalog page(s) with corrections made on the copy and attach to this form. If changes are extensive, please type new catalog copy on white bond paper, double-spaced, outlining what you recommend for the appropriate catalog and attach to this form.

5. Effective term will be the next published catalog: (Academic Support Programs use only).

6. Approved:

- a. Departmental Executive Officer [Signature] 10/15/06 Date
b. Dean [Signature] 10/15/06 Date
c. Dean of the Graduate School (for graduate programs) Date
d. Associate Provost (Academic Affairs) Date

7. Academic Support Programs: Date