

SIMON FRASER UNIVERSITY

S.86-89

MEMORANDUM

To..... Senate.....

From Office of the Dean of Graduate Studies.....

Subject..... New Graduate Course, Phys 875-3.....

Date..... November 12, 1986.....

Action undertaken by the Senate Graduate Studies Committee, at its Meeting on November 10, 1986, gives rise to the following motion:

MOTION:

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-89 , the proposed new graduate course, Phys 875-3 Advanced Nuclear Physics"

B.P. Clayman
Dean of Graduate Studies.

mm/
attach.

**SIMON FRASER UNIVERSITY
MEMORANDUM**

To: Dr. B. Clayman,
Dean of Graduate Studies,
Chairman of the Senate Committee
on Graduate Studies

From: G. Geen, Dean
Dean of Science

Subject: Curriculum Changes

Date: October 6, 1986

Please find attached the documentation related to the Curriculum Changes to the Graduate Program of the departments of: Chemistry, Mathematics and Statistics, and Physics. These Curriculum Changes were approved by the Faculty of Science Graduate Studies Committee and by the Faculty of Science.

I would appreciate it very much if you would place these items on the Agenda of the next Senate Graduate Studies Committee for consideration and approval.

- a) ***"To approve the new Course proposal for STAT 650-5 : Quantitative Analysis in Resource Management and Field Biology as contained in paper FSC 86-7".***
- b) ***"To approve the Changes in the Graduate Course Offering of the Chemistry Department as contained in the paper FSC 86-8."***
- c) ***"To approve the new graduate course PHYS 875-3: Advanced Nuclear Physics (PAPER :FSC 86-9)."***

Thank you.


G. Geen

cc: Dr. A. R. Freedman, Chairman Faculty of Science Graduate Studies Committee,
Chairman Department of Mathematics and Statistics.
Dr. C. H. W. Jones, Chairman Department of Chemistry.
Dr. J. C. Irwin, Chairman Department of Physics.

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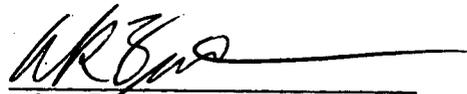
MEMORANDUM

FSC 86-9

Members,
To..... Faculty of Science
..... Graduate Studies Ctte.
.....
Subject..... Relabelling of Special Topics
..... Course (NEW COURSE)

From..... A. R. Freedman,
..... Chairman,
..... Faculty of Science
..... Graduate Studies Ctte.
Date..... September 15, 1986

The attached item is for presentation at the next Faculty of Science Meeting which is to be held on September 29, 1986. I will assume it is approved by our committee if I don't hear anything to the contrary from any of you by Friday, September 19, 1986.



A. R. Freedman

/rcw

Attachment

DISTRIBUTION

R. C. Brooke, Biological Sciences
D. H. Boal, Physics
F.W.B. Einstein, Chemistry

SIMON FRASER UNIVERSITY

MEMORANDUM

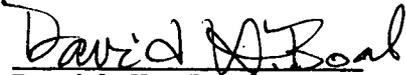
A. R. Freedman, Chairman
Faculty of Science
Graduate Studies Committee

Subject: Relabelling of Special
Topics Course

From: D. H. Boal, Chairman
Physics Graduate
Studies Committee

Date: September 15, 1986

At a general meeting of the Physics Department on September 12, 1986, it was proposed that the graduate course on nuclear physics which is currently offered under a "special topics" title, be relabelled "Advanced Nuclear Physics". The proposal was passed unanimously. The calendar description etc. of the course is enclosed. I would appreciate it if the Faculty of Science Graduate Studies Committee could approve the course as soon as possible so the required change to next year's calendar can be approved at the next Faculty of Science meeting.


David H. Boal

/rcw

New Graduate Course Proposal Form

CALENDAR INFORMATION:

Department: Physics Course Number: 875

Title: ADVANCED NUCLEAR PHYSICS

Description: Experimental and theoretical treatment of nuclear reactions and nuclear structure: description of nucleon-nucleus and heavy ion reactions; transport equations in reaction studies; properties of nuclear matter under extreme conditions; shell model and interacting boson model of nuclear structure.

Credit Hours: 3 Vector: 3 Prerequisite(s) if any: PHYS 810 equivalent

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: 6 When will the course first be offered: 87-3

How often will the course be offered: variable, probably every second year

JUSTIFICATION:

Prof. Boal and Häusser (Nuclear Physics) have several graduate students each, who have been taking graduate nuclear physics as a special topics course. This is basically a relabelling which brings the course titles in line with those offered in Solid State and Elementary Particle Physics.

RESOURCES:

Which Faculty member will normally teach the course: Boal, Häusser

What are the budgetary implications of mounting the course: Nil, the course will be offered with the same frequency as the existing special topics course.

Are there sufficient Library resources (append details): Yes

- Appended:
- a) Outline of the Course
 - b) An indication of the competence of the Faculty member to give the course.
 - c) Library resources

Approved: Departmental Graduate Studies Committee: _____ Date: _____

Faculty Graduate Studies Committee: [Signature] Date: _____

Faculty: [Signature] Date: 6 Oct 86

Senate Graduate Studies Committee: [Signature] Date: 13 Nov/86

Senate: _____ Date: _____