



MEMO


Dean of  
Graduate Studies

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<b>TO: Senate</b>	TEL
<b>FROM</b> Wade Parkhouse, Dean, Graduate Studies	
<b>RE</b> Faculty of Science	<b>[GS2010.28]</b>
<b>CC</b> Derek Bingham	
<b>DATE</b> December 15, 2010	

**For information**

Acting under delegated authority at its meeting of 13 December 2010, the SGSC approved the following curriculum revisions:

**Effective Date is September 2011**

**Faculty of Science**

**[GS2010.28]**

a. Department of Physics

- i) Change of prerequisites: PHYS 841-3 Statistical Mechanics

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Web at [http://www.sfu.ca/senate/Senate\\_agenda.html](http://www.sfu.ca/senate/Senate_agenda.html) following the posting of the agenda. If you are unable to access the information, please call [778.782.3168](tel:778.782.3168) or email [shelley\\_gair@sfu.ca](mailto:shelley_gair@sfu.ca).



### GRADUATE COURSE MINOR CHANGE FORM

This form is to be used when there is a request for a minor change to an existing graduate course. The form is completed by the department and then approved by the Faculty graduate studies committee. It should then be forwarded to the Dean of Graduate Studies for approval by SGSC. SGSC will forward the approval to Senate for information. NOTE: Please complete pertinent sections only

**Please Check appropriate revision(s):**

Catalog Number  Units  Title  Description  Other PREREQUISITE

**Department or School:** PHYSICS

**Current course**

**Subject:** PHYS (max: 4 chars) **Catalog Number:** 841 **Units:** 3

**Course Title:** STATISTICAL MECHANICS (max. 80 char)

**Short Title (appears on transcripts etc.):** STAT MECHANICS (max. 25 char)

**Course Description for Calendar:**

REVIEW OF ENSEMBLES AND THERMODYNAMICS, IDEAL GASES, IMPERFECT CLASSICAL GASES, CLASSICAL AND MODERN THEORIES OF PHASE TRANSITIONS, RENORMALIZATION GROUP. COURSE OFFERED REGULARLY.

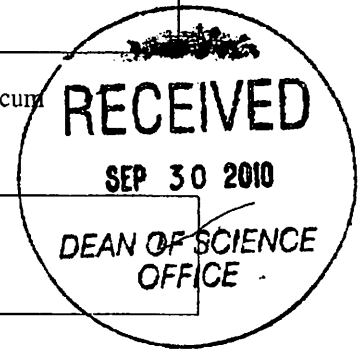
**Available Course Component:**

Lecture  Seminar  Laboratory  Practicum

**Grading Basis:**  Graded  Satisfactory/Unsatisfactory  In Progress/Complete

**Prerequisites: (if any)**

PHYS 345 OR EQUIVALENT



**Modified Course**

**Subject:** PHYS (max: 4 chars) **Catalog Number:** 841 **Units:** 3

**Course Title:** STATISTICAL MECHANICS (max. 80 char)

**Short Title (appears on transcripts etc.):** STAT MECHANICS (max. 25 char)

**Course Description for Calendar:**

LEAVE AS SAME PLEASE

**Available Course Component:**

Lecture  Seminar  Laboratory  Practicum

**Grading Basis:**  Graded  Satisfactory/Unsatisfactory  In Progress/Complete

**Prerequisites: (if any)** PHYS 445 OR EQUIVALENT *Statistical Physics*

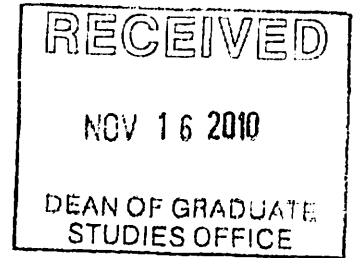
\*Attach rationale for changes as a separate document.

**Approvals**

Faculty Graduate Studies Committee [Signature] Date Nov 12/10

Senate Graduate Studies Committee [Signature] Date Dec 14/10

Upon approval of the minor course change, the Dean of Graduate Studies office will consult with the department or school regarding other course attributes that may be required to enable the proper entry of the course change in the student record system



**TO:** W. Parkhouse  
Dean of Graduate Studies

**FROM:** D. Bingham, Chair  
Faculty of Science Graduate Studies  
Committee

**RE:** PHYS 841

**DATE:** November 10, 2010

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The following has been approved by the Faculty of Science and is forwarded for approval by the Senate Graduate Studies Committee. Please include it on the next SGSC agenda.

Physics

Prerequisite change to Physics 841

Rationale:

The prerequisite currently listed, Physics 345, no longer exists. The new prerequisite, Physics 445, includes discussion of similar material at the fourth-year level.

A handwritten signature in black ink, appearing to read "D. Bingham", written over a horizontal line.

D. Bingham

Enclosure

c. C. Cupples