



8888 University Drive,  
Burnaby, BC  
Canada V5A 1S6

TEL: 778.782.6654  
FAX: 778.782.5876

avpacad@sfu.ca  
www.sfu.ca/vpacademic

---

**MEMORANDUM**

ATTENTION	Senate	DATE	October 2, 2020
FROM	Wade Parkhouse, Chair Senate Committee on Undergraduate Studies	PAGES	1/1
RE:	New Course Proposals		

A handwritten signature in black ink, appearing to read 'W. Parkhouse'.

---

**For information:**

Acting under delegated authority at its meeting of October 1, 2020 SCUS approved the following curriculum revisions effective Summer 2021.

**a. Faculty of Applied Sciences (SCUS 20-68)****1. School of Sustainable Energy Engineering**

- (i) New Course Proposal: SEE 486-3, Directed Studies in Sustainable Energy Engineering

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate Docushare repository at <https://docushare.sfu.ca/dsweb/View/Collection-12682>.

COURSE SUBJECT  NUMBER

**COURSE TITLE LONG** — for Calendar/schedule, no more than 100 characters including spaces and punctuation

**COURSE TITLE SHORT** — for enrollment/transcript, no more than 30 characters including spaces and punctuation

**CAMPUS** where course will be normally taught:  Burnaby  Surrey  Vancouver  Great Northern Way  Off campus

**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

**REPEAT FOR CREDIT**  YES  NO Total completions allowed  Within a term?  YES  NO

#### LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit [www.lib.sfu.ca/about/overview/collections/course-assessments](http://www.lib.sfu.ca/about/overview/collections/course-assessments).

#### RATIONALE FOR INTRODUCTION OF THIS COURSE

Some reasons for a student to take Directed Studies courses are:

1. To continue a reading or research project begun in a course.
2. To develop or assess potential research interests,
3. To gain additional knowledge and practical experience in designing, conducting, analyzing, and documenting research in sustainable energy engineering field.



SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) Summer 2021

Term in which course will typically be offered [X] Spring [X] Summer [X] Fall

Other (describe) [ ]

Will this be a required or elective course in the curriculum? [ ] Required [X] Elective

What is the probable enrollment when offered? Estimate: 1-3

UNITS Indicate number of units: 3

Indicate no. of contact hours: [ ] Lecture [ ] Seminar [ ] Tutorial [ ] Lab 3 Other; explain below

OTHER

The indicators might vary depending on type of the reading/research (IND).

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Potentially, all the faculty members at SEE would be able to supervise the course.

WQB DESIGNATION

(attach approval from Curriculum Office)

[ ]

PREREQUISITE AND / OR COREQUISITE

A minimum of 100 units and permission of the chair of the undergraduate curriculum committee. The specific prerequisite courses will be identified by the course supervisor.



**EQUIVALENT COURSES** [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components.](#)]

**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

N/A

**2. ONE-WAY EQUIVALENCY** [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

N/A

**3. TWO-WAY EQUIVALENCY** [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

N/A

Does the partner academic unit agree that this is a two-way equivalency?  YES  NO

*Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).*

**4. SPECIAL TOPICS PRECLUSION STATEMENT** [is not hard coded in SIMS.]

**FEEES**

Are there any proposed student fees associated with this course other than tuition fees?  YES  NO

**COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)**

Depending on the reading/research, and defined deliverables.



**RESOURCES**

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

The SEE program will be housed in a SRYE building. FAS curriculum development staff are regularly liaising with SFU Facilities staff to ensure the required resources will be available.

**OTHER IMPLICATIONS**

Final exam required  YES  NO

Criminal Record Check required  YES  NO

**OVERLAP CHECK**

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

**Name of Originator**

Mehran Ahmadi, Lecturer, Sustainable Energy Engineering, Faculty of Applied Science