Program Information

Academic Program: Master of Science in Sustainable and Environmental Design
Academic Year: 2014

Select Language: English

Study Scheme Learning Outcomes

Study Scheme

Postgraduate Student Handbook 2014-15 (ARC-III)

FACULTY OF SOCIAL SCIENCE

Architecture

Study Scheme

M.Sc. Programme in Sustainable and Environmental Design (Full-time and Part-time)

1. Coursework Requirement

Students are required to complete a minimum of 27 units of courses for graduation.

(a) For Full-time Students:

(i) Required courses:
   1st term of Attendance: 9 units
   SENV7200, 7300, 7700
   2nd term of Attendance: 12 units
   SENV7100, 7400, 7500

(ii) Elective courses: 6 units
   6 units of elective courses (Note 2 and 3) from SENV7005, 7006, 7007, 7008 (Note 1)

Total: 27 units

(b) For Part-time Students:

(i) Required courses:
   First Year of Attendance: 12 units
   SENV7200, 7300, 7400, 7500
   Second Year of Attendance: 9 units
   SENV7700, 7100

(ii) Elective courses: 6 units
   6 units of elective courses (Note 2 and 3) from SENV7005, 7006, 7007, 7008 (Note 1)

Total: 27 units

Notes:
1. SENV7005 and 7008 open for 1st term and SENV7006 and 7007 open for 2nd term.
2. Subject to prior approval of the Programme Director, students can select one architectural or non-architectural elective carrying the same or higher credit to substitute ONE of the elective courses.
3. Students are allowed to take SENV electives with the same course code more than once provided that the course contents are different, and gain the unit each time they
pass the courses. However, students cannot take the courses with the same course code more than once in a single term.

2. Other Requirements

(a) Students must fulfill the Term Assessment Requirement of the Graduate School. For details, please refer to Section 13.0 “Unsatisfactory Performance and Discontinuation of Studies” of the General Regulations Governing Postgraduate Studies which can be accessed from the Graduate School Homepage: http://www.cuhk.edu.hk/ges.

(b) IT Proficiency Test. (Applicable to students admitted in 2011-12 and before. Please refer to “Student IT Competence”.)

(c) A student must achieve a cumulative grade point average (GPA) of at least 2.0 in order to fulfill the graduation requirement, unless special approval is granted by the Graduate Council.

Course List

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SENV7005</td>
<td>Topical Study I in Environmental and Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>SENV7006</td>
<td>Topical Study II in Environmental and Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>SENV7007</td>
<td>Topical Study III in Environmental and Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>SENV7008</td>
<td>Topical Study IV in Environmental and Sustainable Design</td>
<td>3</td>
</tr>
<tr>
<td>SENV7100</td>
<td>Dissertation</td>
<td>6</td>
</tr>
<tr>
<td>SENV7200</td>
<td>Bioclimatic Building Design</td>
<td>3</td>
</tr>
<tr>
<td>SENV7300</td>
<td>Daylighting and Lighting Design</td>
<td>3</td>
</tr>
<tr>
<td>SENV7400</td>
<td>Life Cycle Costing and Assessment-Buildability and Embody Energy</td>
<td>3</td>
</tr>
<tr>
<td>SENV7500</td>
<td>Urban Climate for Design and Urban Planning</td>
<td>3</td>
</tr>
<tr>
<td>SENV7600</td>
<td>Environmental Design Project / Independent Studies</td>
<td>4</td>
</tr>
<tr>
<td>SENV7700</td>
<td>Design Project / Independent Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Study Scheme Learning Outcomes

Learning Outcomes

M.Sc. in Sustainable and Environmental Design

Upon completion of the study, students will be able to further what they have learned to improve the environmental design of buildings. They will have a better understanding of the fundamentals, and they will also be able to draw on a wider base of expertise and knowledge base in their works.