

**MASTER OF ARTS IN SUSTAINABILITY AND DEVELOPMENT DEGREE PLAN**

SMU ID #:

Name:

Home Address:

Phone:

e-mail Address:

alt e-mail:

Course No.	Title	Instructor	Hrs	Semester	Grade
<b>Core Courses (9 Term-credit Hours (TCH))</b>					
CEE 7306	Sustainable Urban Development & Design	_____	_____	_____	_____
CEE 7330	Design for Sustainable Buildings & Infrastructure	_____	_____	_____	_____
And at least one of					
CEE 7301	Climate-Smart Inclusive Economic Development	_____	_____	_____	_____
CEE 7307	Infrastructure Design for the Developing World	_____	_____	_____	_____
<b>Capstone Synthesis (3 Term-credit Hours: 1credit plus 2 credit)</b>					
CEE 7128	Capstone 1A: Independent Research Direction	_____	_____	_____	_____
CEE 7228	Capstone 1B: Independent Research & Project	_____	_____	_____	_____
<b>Specialty Electives in CITIES: Sustainable Global Development &amp; Design (at least 6 TCH from one area)</b>					
CEE 7305	Policy Impacts on Sustainability	_____	_____	_____	_____
CEE 7324	Geographical Information Systems & Mapping	_____	_____	_____	_____
CEE 7326	Sustainable Transportation	_____	_____	_____	_____
CEE 7329	Methods and Technology for Sustainability	_____	_____	_____	_____
CEE 8325	The Sustainable Urban Plan	_____	_____	_____	_____
CEE 8328	Defining the Future of Global Sustainability	_____	_____	_____	_____
DSIN 7311	Human Centered Design	_____	_____	_____	_____
<b>Specialty Electives in CIED: Climate-Smart Inclusive Economic Development (at least 6 TCH from one area)</b>					
CEE 7302	Leadership in the Development Sector Policy	_____	_____	_____	_____
CEE 7305	Impacts on Sustainability	_____	_____	_____	_____
CEE 8330	Engineering Sustainability for the Future	_____	_____	_____	_____
OREM 8363	Engineering Finance	_____	_____	_____	_____

**Specialty Electives in EJ: Environmental Justice (at least 6 TCH from one area)**

CEE 7312	Risk Assessment & Health Effects	_____	_____	_____	_____
CEE 7314	Environmental Regulations and Compliance	_____	_____	_____	_____
CEE 7332	Groundwater Hydrology and Contamination	_____	_____	_____	_____
CEE 7353	Environmental Epidemiology	_____	_____	_____	_____
CEE 7356	Civil Infrastructure Systems	_____	_____	_____	_____

**Specialty Electives in Sustainable Management (at least 6 TCH from one area)**

CEE 7302	Leadership in the Development Sector Leadership	_____	_____	_____	_____
CEE 7303	Citizen Engineering Using Machine Learning	_____	_____	_____	_____
CEE 7305	Policy Impacts on Sustainability	_____	_____	_____	_____
CEE 7312	Risk Assessment & Health Effects	_____	_____	_____	_____
CEE 7327	Optimization & Reliability for Infrastructure & Env Sys	_____	_____	_____	_____
OREM 8361	Engineering Economics & Decision Analysis	_____	_____	_____	_____

**Additional Electives in Sustainability & Development (from any section above and additional up to 12 TCH)**

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
CEE 7325	Disaster Management	_____	_____	_____	_____
CEE 7365	Intro to Construction Management	_____	_____	_____	_____
CEE 7378	Transportation Planning & Traffic Engineering	_____	_____	_____	_____
CEE 7380	Management of Indus. & Mission Critical Facilities	_____	_____	_____	_____
DSIN 7314	The Context and Impact of Design	_____	_____	_____	_____

TOTAL HOURS (30 Minimum) \_\_\_\_\_

APPROVED

Advisor \_\_\_\_\_

Department Head / Date \_\_\_\_\_

Director of Graduate Division/Date \_\_\_\_\_

*NOTE: Students should consult with their advisor each semester before enrolling, to ensure course credit.*

All Lyle graduate degrees must be completed within a 7 year window. Most courses are offered during alternating semesters to allow some flexibility. Sample tracks for completion are shown below:

- |                                     |  |
|-------------------------------------|--|
| Fall - 2 courses/Spring - 2 courses | Fall - 1 course/Spring - 1 course - year 1 - 2 courses |
| Fall - 2 courses/Spring - 2 courses | Fall - 1 course/Spring - 1 course - year 2 - 2 courses |
| Fall - 2 courses                    | Fall - 1 course/Spring - 1 course - year 3 - 2 courses |
| Graduation in Fall term (2.5 years) | Fall - 1 course/Spring - 1 course - year 4 - 2 courses |
|                                     | Fall - 1 course/Spring - 1 course - year 5 - 2 courses |
|                                     | Graduation in Spring term of year 5                    |