***SUSTAINABILITY INTEGRATION INTO A COURSE***

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| **Big Ideas** | **Topics** | **Delivery**  **(Activities, Discussions, Lectures, Assignments, Readings, etc)** | **Learning Objectives/**  **Attributes and Pillars** | **Unit(s) Topic Addressed** |
| **Sustainability and the three pillars** |  |  |  |  |
| **Global Issues** | System Thinking (Systems theory) |  |  |  |
| Habitat Loss |  |  |  |
| Ecological Footprint |  |  |  |
| Loss of Biodiversity |  |  |  |
| Global Climate Change |  |  |  |
| Poverty |  |  |  |
| Energy |  |  |  |
| Nutrient Cycles (N, C, S) |  |  |  |
| War and Conflict |  |  |  |
| Population Growth |  |  |  |
| Gender Equality |  |  |  |
| Sustainable Agriculture/Forestry |  |  |  |
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| **Regional/Local Issues** | Deforestation (loss of habitat) for Campus Development - Historic |  |  |  |
| Natural Disturbance |  |  |  |
| Green City |  |  |  |
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| **Roles of \_\_\_\_\_\_\_\_\_\_\_\_\_\_**  (depends on course topic) | \_\_\_\_\_\_\_\_\_\_\_\_\_ role in: |  |  |  |
| Biodiversity |  |  |  |
| Water and Nutrient Cycling |  |  |  |
| Nutrient Cycling (Carbon) |  |  |  |
| Nutrient Cycling (Nitrogen) |  |  |  |
| Temperature Regulation |  |  |  |
| Economic uses |  |  |  |
| Research and Development |  |  |  |
| Impacts to human health |  |  |  |
| Remediation |  |  |  |
| Water Quality |  |  |  |
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| **Other Course Specific Idea:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |  |  |  |
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| **Sustainability Focused Activity** |  |  |  |  |
| **Communicating Sustainability** |  |  |  |  |

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| ***Attributes:*** | ***Pillar coverage:*** |
| *1 = Holistic Thinking*  *2 = Sustainability Knowledge*  *3 = Awareness and Integration*  *4 = Agent of Change* | *Envir = Environmental*  *Econ = Economic*  *Soc = Societal*  *Sust = Sustainability Focus* |