



## Plant your SEAD in Sustainability courses

**How can engineers, architects and urban planners support sustainability and help mitigate climate change?**

Trottier Institute for Sustainability in Engineering and Design (TISED) is offering SEAD (Sustainability in Engineering and Design) courses in the upcoming Fall 2022 academic terms.

These courses approach environmental, sociocultural, and economic concerns regarding sustainability through theoretical lenses and practical applications. These are for-credit courses and open to upper-year undergraduate and all graduate students within the Faculty of Engineering.

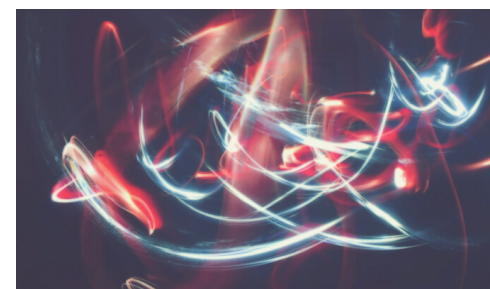
For more details please visit:  
<https://mcgill.ca/x/4du>

McGill University  
E-mail: [tised@mcgill.ca](mailto:tised@mcgill.ca)



# Fall 2022

### SEAD 510: Energy Analysis (4 credits)



The course will highlight the importance of energy in human and economic development and the impacts of fossil fuels on the environment and climate. Students will review thermodynamic principles and energy metrics, together with alternative primary and secondary power generation and storage systems.



### SEAD 550: Decision-Making for Sustainability in Engineering and Design (3 credits)



The course will enable students to apply sustainability in engineering and design through informed and practical decision-making. Students are introduced to a range of tools, approaches and methodologies and examine real life sustainability-related case studies.

