الجامعة اللبنانية
UNIVERSITE LIBANAISE

Lebanese University - MEDGREEN - (Lebanon)

Working group

Chafic Salame, Mario Tahchi, Hassan Cherif, Michel Aillerie, Fouad Hajj Hassan, Roland Habchi, Youssef Zaatar, Nathalie Bassil, Jean Zaraket.

Staff members from the department of physics and from the MEDGREEN organisation will be involved in the project.

Our teams will mainly work on green and renewable energies, in particular solar energy

The studies will involve the reliability and the fuctionning of PV solar modules

Target curricula

Our BS and Master of Physics contains several courses involving energy related studies. As an example: Elevtronic device Physics, Energy transfer, computational thermal transfer.

Almost every training or Master thesis contains energy related topics. In particular: Studies on PV modules, conditioning of power devices for a maximum saving of energy, computational energy transfers and thermal studies ...

Masters students of Physics and electronics would be involved.

Also PhD candidates with renewable energy related topics would be welcomed to work within the ENEPLAN

(about 10 to 15 students in total)

Educational models

- *Courses are taught over a semester: between 36 and 48 teaching hours per course and per semester*
- *The number of students is around 40 in undergraduate courses and aroud 15 in Masters courses*
- *The used tools are mostly frontal lectures and Lab courses, in addition to research for masters and PhD candidates*
- *All our campuses are equippe with WIFI and wired internet*
- *All students are free to reach the university website for emails and annoucements*
- *All informations related to the courses and Masters curricula are available online and on the university's facebook page*
- *This educational model is becoming the standard model for universities in Lebanon*