**BIO471 BIOFUELS Schedule**

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| 1. **WEEK** | Energy consumption in today's world, an overview of energy production from petrochemical and renewable sources, energy terminology |
| 1. **WEEK** | Biofuel production, classification and history |
| 1. **WEEK** | Microorganisms used in bioethanol production |
| 1. **WEEK** | Raw materials used in bioethanol production |
| 1. **WEEK** | Fermentation |
| 1. **WEEK** | Biobutanol production |
| 1. **WEEK** | Raw materials used in biodiesel production |
| 1. **WEEK** | Raw materials used in biodiesel production II |
| 1. **WEEK** | Microbial lipids for biodiesel production |
| 1. **WEEK** | Chemical modifications applied to triacylglycerols |
| 1. **WEEK** | Transesterification |
| 1. **WEEK** | Biological hydrogen production |
| 1. **WEEK** | Methane production |
| 1. **WEEK** | Microbial fuel cell, future prospects for biofuel production |