**Antibiotics (MBIO463) (Practical course)**

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| 1st week |
| Title |
| Introduction to practical Antibiotics |
| 2nd week |
| Title |
| The Isolation of Antibiotic Producing Microorganisms Methods |
| 3rd week |
| Title |
| The Isolation of purified colonies from Antibiotic Producing Microorganisms and Testing Against Microbes |
| 4th week |
| Title |
| Determination the approximate number of bacteria in a liquid suspension by McFarland Standard |
| 5th week |
| The Antibiotic Groups And Antimicrobial Modes Of Action |
| 6th week |
| Antibiotic Susceptibility Test (Disk Diffusion Testing) |
| 7th week |
| Title |
| Minimal Inhibitory Concentration (MIC) Test of an  Antimicrobial Agent |
| 8th week |
| Title |
| Agar diffusion with E-test |
| 9th week |
| Title |
| Gradient Plate Methods |
| 10th week |
| Title |
| Antagonism and Synergy |
| 11th week |
| Title |
| Review Session for Final Exam |
| 12th week |
| Title |
| Final Exam |
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