<table>
<thead>
<tr>
<th>Time</th>
<th>MONDAY 2 July</th>
<th>TUESDAY 3 July</th>
<th>WEDNESDAY 4 July</th>
<th>THURSDAY 5 July</th>
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| 9.30-10.30  | 9.00. REGISTRATION  
10.00. INTRODUCTION  
Overview of the course: aims & objectives  
Anthony Scott / Stefan Flasche  
Room: T G13 & 14 | SESSION 3  
Phase I, II trials  
Anthony Scott  
Room: T G13 & 14 | SESSION 5  
Vaccine trials I: Sample size (+Practical)  
Peter Smith  
Room: T G13 & 14 | SESSION 7  
Correlates of protection I: Methods  
Sara Thomas  
Room: T G13 & 14 | SESSION 9  
Burden of disease assessment and population level impact of vaccines  
Punam Mangtani  
Room: T G13 & 14 |
| 11.00-12.30  | SESSION 1  
Measuring vaccine efficacy and effectiveness  
Sara Thomas  
Room: T G13 & 14 | SESSION 4  
Phase III trials  
Peter Smith  
Room: T G13 & 14 | SESSION 6: finishes at 12.00  
Key issues in good clinical practice (GCP) for vaccine evaluation  
Trudie Lang  
Room: T G13 & 14 | SESSION 7 cont.  
Correlates of protection II: Laboratory issues  
David Goldblatt and Helen Fletcher  
Room: T G13 & 14 | SESSION 9 PRACTICAL  
Punam Mangtani / Anthony Scott  
Room: T G13 & 14 |
| or 1.00      | LUNCH  
Welcome lunch  
12.30-1.30 pm Helpdesk for computer / wireless  
1:30pm Photo (Tavistock garden)  
***Afternoon session restarts today at 13.30, not 14.00 | | | | |
| 2.00-3.00    | SESSION 2  
Immunology in vaccine evaluation I:  
Greg Bancroft  
Room: T G13 & 14 | SESSION 4 PRACTICAL  
Peter Smith, Anthony Scott  
Room: T G13 & 14 | SESSION 5 cont.  
Vaccine trials II: Analysis issues  
Peter Smith  
Room: T G13 & 14 | SESSION 8  
Surveillance of infection and disease  
David Heymann  
Room: T G13 & 14 | SESSION 10  
Estimating vaccine effectiveness after licensure I  
Anthony Scott  
Room: T G13 & 14 |
| 3.30-5.00    | SESSION 2 cont.  
Immunology in vaccine evaluation II:  
Greg Bancroft  
Room: T G13 & 14 | GROUP WORK 1  
Introduction: outline of topics  
Anthony Scott, Punam Mangtani, Mary Ramsay, Paul Milligan  
Room: T G13 & 14 | GROUP WORK 2  
Working session in groups  
Anthony Scott / Stefan Flasche  
Room: T G13 & 14 | SESSION 8 PRACTICAL  
David Heymann / Kate Gallagher  
Room: T G13 & 14 | SESSION 10 PRACTICAL  
Anthony Scott / Kate Gallagher  
Room: T G13 & 14 |
| 5.30-6.30    | SPECIAL LECTURE  
HPV vaccines: from trials to programmes  
Debby Watson Jones  
Room: K John Snow LT | SPECIAL LECTURE  
Licensing vaccines for preventing infectious diseases  
Mair Powell  
Room: K John Snow A LT | SPECIAL LECTURE  
The use of Vaccines in Humanitarian Crises  
Francesco Cecchi  
Room: John Snow A LT | | |
| 6.30         | RECEPTION  
(lower café area) | SOCIAL EVENING  
(Marquis Cornwallis) | | | |
## Vaccine short course timetable

**London School of Hygiene & Tropical Medicine**  
**Epidemiological evaluation of vaccines: efficacy, safety and policy - Short Course 2th -13th July 2018**  
**TIME - WEEK TWO**

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<th>TIME</th>
<th>MONDAY 9 July</th>
<th>TUESDAY 10 July</th>
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| **9.30-10.30** | **SESSION 10 cont.**  
Estimating vaccine effectiveness after licensure II  
Anthony Scott | **SESSION 12**  
Community protection and protection against infectiousness  
Paul Fine | **SESSION 14**  
Using infectious disease modelling in assessing vaccine impact  
John Edmunds | **SESSION 16**  
Public Trust in Vaccines  
Pauline Paterson | **GROUP WORK 5**  
Presentations  
Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay |
| **11.00-12.30 or 1pm** | **GROUP WORK 3**  
Working session in groups  
Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay | **SESSION 12 PRACTICAL**  
Paul Fine / Stefan Flasche | **SESSION 14 PRACTICAL**  
John Edmunds / Stefan Flasche | **SESSION 17**  
Key issues in vaccination schedules: Biological issues  
Paul Fine | **GROUP WORK 5 cont.**  
Presentations cont.  
Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay |
| **LUNCH** | **SESSION 11**  
Safety of vaccines and adverse event monitoring  
Vaccine safety assessment using the self-controlled case-series method | **SESSION 13**  
Introduction to infectious disease modelling  
John Edmunds | **SESSION 15**  
Economic evaluation of vaccination programmes  
Mark Jit | **SESSION 18**  
Key issues in vaccination schedules II: Policy  
Anthony Scott | **SESSION 19**  
Topical issues in the epidemiology of vaccine preventable disease  
Panel: Paul Fine, Kim Mulholland, Brian Greenwood, Anthony Scott |
| **3.30-5.00** | **SESSION 13 PRACTICAL**  
John Edmunds / Stefan Flasche | **SESSION 15 PRACTICAL**  
Mark Jit / Stefan Flasche | | **GROUP WORK 4**  
Working session in groups  
Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay | **SESSION 20:**  
Special closing lecture  
Paul Fine  
+ Certificate handout  
Anthony Scott / Stefan Flasche |
| **5.30-6.30** | **SPECIAL LECTURE**  
Global Implementation of Vaccination Programs: past, present & future  
David Heymann | **VACCINE CENTRE DEBATE**  
Vaccination – is there a place for penalties for non-compliance? | **SPECIAL LECTURE**  
New vaccines against Respiratory Syncytial Virus (RSV) and Dengue fever - What lessons can be learned from these vaccines?  
Kim Mulholland | **SOCIAL EVENING**  
(John Snow pub) | **SOCIAL EVENING**  
(John Snow pub) |
| Room: John Snow A LT | Room: John Snow LT | | Room: John Snow A LT | | |