

# History and Philosophy of Science

| <b>Year and Campus:</b>                             | 2012  |                |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
|---|---|----------------|---------|----------------------------|----------------|----------------------|------------------------|-------|---------|----------------------------|----------------|--------------------------|------------------------|-------|-------------------------------------|------------|-------|--|------------|-------|--------------------------------|------------|-------|---|------------|-------|--|------------|-------|---|------------|-------|---------|----------------------------|----------------|--|------------|-------|
| <b>Coordinator:</b>                                 | Dr Kristian Camilleri Email: kcam@unimelb.edu.au  |                |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| <b>Contact:</b>                                     | <b>Arts Student Centre (<a href="http://arts.unimelb.edu.au/amsc/contact.html">http://arts.unimelb.edu.au/amsc/contact.html</a>)</b>  |                |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| <b>Overview:</b>                                    | The minimum entry requirement for honours is completion of all the requirements for the BA, with a major in history and philosophy of science and an average of at least H2A (75%) in second and third-year subjects within the major, or equivalent.   |                |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| <b>Objectives:</b>                                  | See course objectives   |                |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| <b>Structure &amp; Available Subjects:</b>          | <p><b>Students undertaking pure honours in history and philosophy of science must complete:</b></p> <ul style="list-style-type: none"> <li># HPS Thesis (37.5 points) and</li> <li># Five honours subjects in history and philosophy of science (totalling 62.5 points).</li> </ul> <p>Total 100 points</p> <p>Students intending to undertake combined honours in history and philosophy of science and another area of study should consult the honours coordinator about structuring their course.</p> <p>Honours and postgraduate diploma students may take up to two existing honours subjects offered by the Philosophy program towards their fourth-year studies in history and philosophy of science. Subjects from the following list will be approved automatically. Other subjects may be approved on a case-by-case basis. No more than three philosophy and/or philosophy of science subjects may be taken as part of history and philosophy of science honours. That is, pure honours in history and philosophy of science must include at least two subjects in an area other than the philosophy of science (or philosophy).</p>  |                |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| <b>Subject Options:</b>                             | <p><b>History &amp; Philosophy of Science Thesis Subject</b></p> <p>Note: the thesis requires two consecutive semesters of enrolment.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>HPSC40010 HPS Thesis</td> <td>Semester 1, Semester 2</td> <td>18.75</td> </tr> </tbody> </table> <p><b>History &amp; Philosophy of Science: Honours Subjects</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>HPSC40002 Directed Study</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>HPSC90010 Environment and Knowledge</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>HPSC40014 Science and Ideology in the 20th Century</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>HPSC40011 Medicine and Culture</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>HPSC40013 The Western Tradition &amp; its Discontents</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>PHIL40001 Realism, Relativism and Naturalism</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>HPSC40012 Beyond the Spin: Technoscientific Failure</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p><b>Approved Philosophy subjects</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>PHIL40005 Metaphysics and Epistemology</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> |                | Subject | Study Period Commencement: | Credit Points: | HPSC40010 HPS Thesis | Semester 1, Semester 2 | 18.75 | Subject | Study Period Commencement: | Credit Points: | HPSC40002 Directed Study | Semester 1, Semester 2 | 12.50 | HPSC90010 Environment and Knowledge | Semester 1 | 12.50 | HPSC40014 Science and Ideology in the 20th Century | Semester 1 | 12.50 | HPSC40011 Medicine and Culture | Semester 1 | 12.50 | HPSC40013 The Western Tradition & its Discontents | Semester 2 | 12.50 | PHIL40001 Realism, Relativism and Naturalism | Semester 2 | 12.50 | HPSC40012 Beyond the Spin: Technoscientific Failure | Semester 2 | 12.50 | Subject | Study Period Commencement: | Credit Points: | PHIL40005 Metaphysics and Epistemology | Semester 1 | 12.50 |
| Subject   | Study Period Commencement:  | Credit Points: |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| HPSC40010 HPS Thesis                                | Semester 1, Semester 2  | 18.75          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
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| HPSC40002 Directed Study                            | Semester 1, Semester 2  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| HPSC90010 Environment and Knowledge                 | Semester 1  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| HPSC40014 Science and Ideology in the 20th Century  | Semester 1  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| HPSC40011 Medicine and Culture                      | Semester 1  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| HPSC40013 The Western Tradition & its Discontents   | Semester 2  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| PHIL40001 Realism, Relativism and Naturalism        | Semester 2  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
| HPSC40012 Beyond the Spin: Technoscientific Failure | Semester 2  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |
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| PHIL40005 Metaphysics and Epistemology              | Semester 1  | 12.50          |         |                            |                |                      |                        |       |         |                            |                |                          |                        |       |                                     |            |       |  |            |       |                                |            |       |   |            |       |  |            |       |   |            |       |         |                            |                |  |            |       |

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|--------------------------------------|---|------------------|-------|
|                                      | PHIL40007 Philosophy of Language and Mind                           | Semester 2       | 12.50 |
|                                      | PHIL40013 Uncertainty, Vagueness and Disagreement                   | Not offered 2012 | 12.50 |
| <b>Links to further information:</b> | <a href="http://hps.unimelb.edu.au/">http://hps.unimelb.edu.au/</a> |                  |       |
| <b>Related Course(s):</b>            | Bachelor of Arts (Degree with Honours)                              |                  |       |