**Course Information Sheet [](http://www.archeoastronomy.org/content/)**

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| Course title: Archaeoastronomy module (optional) of the Astronomy Laboratory course | | | | | | | | | | | | |
| Contact email: vitofrancesco.polcaro@iaps.inaf.it | | | | | | | Web page: none | | | | | |
| Country and Venue: Italy – University of Rome “La Sapienza” | | | | | | | | | Fee: | | | |
| Start date: March 1, 2017 | | | End date: September 15, 2017 | | | Day(s)/time(s): 7 | | | | | | |
| Number of sessions: 7 + examination | | | Hours per session: 4 | | | | | | | | Level: MS | |
| Title of qualification to be gained (if any): No specific title. 4 Standard University Credits for the Master Degree in Astronomy | | | | | | | | | | | | |
| Awarding body (if any): University of Rome “La Sapienza” | | | | | | | | | | | | |
| Essential materials: specific bibliography | | | | | | | | | | | | |
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| **Course aims** (Max. 20 words)**:** Make students able to perform archaeoastronomical measurements | | | | | | | | | | | | |
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| **Course description** (Max. 30 words)**:** 4 h front lessons, 4 h exercises on the use of various bearing compasses, GPS and theodolites, 14 h if field work at the Temple of Diana in Nemi (Rome) | | | | | | | | | | | | |
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| **Any prior knowledge or entry requirements?** Have passed the Positional Astronomy and Statistics examinations | | | | | | | | | | | | |
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| **Course content: what topics will the course cover?** (Max. 100 words)  Basic Archeoastronomy Concepts  Archeoastronomic measuremets  Statistics for Archeology  How to read an archaeological map  How to relate to archaeologists | | | | | | | | | | | | |
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| **Teaching, learning and assessment methods:** *tick those to be used ✓* | | | | | | | | | | | | |
| Distance Learning |  | Discussion | |  | Group work | | | X | | Individual work | | X |
| Project work | X | Research | | X | Role play | | |  | | Written work | | X |
| Question and answer | X | Activity outside class time | | X | Observation | | | X | | Practical work | | X |
| Presentation |  | Field trip | | X | Other (state) | | | | | | | |
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| **How will I receive feedback on my learning progress and achievement?** (Max. 30 words)  Formal examination | | | | | | | | | | | | |
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| **Learning outcomes. By the end of the course, students should be able to:** | | | | | | | | | | | | |
| * Perform archaeoastronomical measurements on behalf of archaeologists | | | | | | | | | | | | |
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| **Reading and information sources** (Max. four references)**:**  **Schaefer B. E.,** 2006**,** *Case Study of Three of the Most Famous Claimed Archaeoastronomical Alignements in North America* in *Viewing the Sky Through Past and Present Cultures, Oxford VII International Conferences on Archaeoastronomy* (Bostwick, T.W. & Bates, B. eds) Phoenix (AZ) (Pueblo Grande Museum Anthropological Papers **15**), 71-77.  **Polcaro V. F. Polcaro A.**, 2009, *Man and Sky: Problems and Methods of Archaeoastronomy*,  Archeologia e Calcolatori, 20, 223-245  **Vitagliano, A.**, *SOLEX 11.0 User Manual and Technical Notes*, http://chemistry.unina.it/~alvitagl/solex/, 2010  **Fletcher M., Lock G. R.,** 2005, *Digging numbers: elementary statistics for archaeologists*. Oxford Univ School of Archaeology, | | | | | | | | | | | | |
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| **Suggestions for progression to further study or for using the skills and knowledge gained:**  Three of the students asked to follow the work on the Temple of Diana in Nemi with their future MS thesis in Astronomy | | | | | | | | | | | | |
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| **Please indicate recent past or anticipated number of enrolments on this course: 5** | | | | | | | | | | | | |