**Course Information Sheet **

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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 ConceptsArcheoastronomic measuremetsStatistics for ArcheologyHow to read an archaeological mapHow 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** |