

| 52. WORKPLACE SAFETY AND PLANNING | |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Second level | |
| Department of Architecture (DIDA) | |
| Course coordinator | Pietro Capone |
| Organizing committee | Pietro Capone Mario Tucci Carlo Biagini |
| Contact person for information regarding course organization, the schedule of classes and course content | Master course administration infomasterpsl@unifi.it Tel. 0552758864 |
| Practical-professional profile of the course and reference job market | <p>The course aims to provide specialised training in the field of passive workplace prevention for the building and civil construction sector, based on a design approach characterised by a prevalent graphic representation of both safety planning and intervention proposals.</p> <p>Of fundamental importance is the BIM approach in the training of safety design engineers who will find employment in the construction sector, in public administrations and in all workplaces subject to Legislative Decree 81/08.</p> <p>The final objective is the integrated design of places (temporary and permanent) intended for work activities, based on the coordination between traditional components (architecture, structure, systems) and safety.</p> <p>To this end, the training activities will be divided into modules that will be developed with in person lectures flanked by laboratory activities on specific case studies, identified annually.</p> <p>Please fill in the "study plan" section below.</p> <p>At the end of the course, students will have acquired the following knowledge/competence/skills:</p> <ul style="list-style-type: none"> • Knowledge of workplace design • Knowledge of Legislative Decree 81/08 • Typical competences of the prevention and protection service manager • Typical competences of the site safety coordinator • BIM-based design skills |
| Admission requirements | <p>A master's degree awarded in accordance with the system under Ministerial Decree No. 270/2004 (or a Master's degree under Ministerial Decree No. 509/1999, equivalent under I.D. of July 9, 2009) in the class</p> <ul style="list-style-type: none"> • LM-4 Architecture and Construction Engineering - Architecture • LM-23 Civil Engineering • LM-24 Building systems engineering • LM-35 Environmental and Land Engineering <p>Degree awarded under a system prior to Ministerial Decree No. 509/1999 in</p> <ul style="list-style-type: none"> • Architecture • Civil Engineering • Construction Engineering • Construction Engineering-Architecture |

| | |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> • Environmental and Land Engineering |
| Admission procedure | Selection based on qualifications |
| Duration | 11 months |
| Teaching methods | Blended mode with distance learning in synchronous mode (Google Meet or other platforms) In-presence workshop |
| Language the course will be delivered in | Italian |
| Attendance requirement | 70% |
| Course location | Morgagni teaching complex, Viale Morgagni, 40/44 Firenze |
| Foreseen lecture days | Lessons will take place according to the following schedule: one weekend (Friday 8 hours and Saturday 8 hours) in presence, one weekend remotely, one free weekend, with possible variations in the positioning of the free weekend to coincide with established holidays |
| Exams procedure and schedule | Exams will take place roughly at the end of each teaching module. They will consist of two multiple-choice tests and two presentations of project work and one written open-ended test. |
| Final exam | The final exam entails the presentation of a paper. |

| | |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Number of places available and enrolment fees | |
| Full-fee | |
| Minimum no. of places | 6 |
| Maximum no. of places | 20 |
| Enrolment fee | 3,500 Euros to be paid in two equal 1,000 Euro instalments. The remaining 1,500 Euros will be covered by the INAIL contribution. |
| Free supernumerary places | |
| UNIFI employees | 2 |
| Single modules | |
| None available | |

| | |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description of traineeship activities and training objectives | <p>The training objectives of the traineeship are:</p> <ul style="list-style-type: none"> - enable participation in work processes typical of Prevention and Protection Services and safety coordination activities at construction sites - enable participation in workplace design processes. <p>125 total hours of practical training activities</p> |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|