<table>
<thead>
<tr>
<th>Title of the course</th>
<th>Instructor</th>
<th>Hours</th>
<th>Credits</th>
<th>Semester</th>
<th>Syllabus</th>
</tr>
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<tbody>
<tr>
<td>Curves in Hilbert modular surfaces</td>
<td>Bogo Gabriele</td>
<td>16</td>
<td>3</td>
<td>Second semester</td>
<td><a href="https://dottorato.math.unipd.it/current-activity/FutureActivities">https://dottorato.math.unipd.it/current-activity/FutureActivities</a></td>
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<tr>
<td>Introduction to scalar conservation laws</td>
<td>Bonicatto Paolo - Marconi Elio</td>
<td>16</td>
<td>3</td>
<td>First semester</td>
<td><a href="https://dottorato.math.unipd.it/current-activity/FutureActivities">https://dottorato.math.unipd.it/current-activity/FutureActivities</a></td>
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<tr>
<td>Interpolation theory for differential forms</td>
<td>Bruni Bruno Ludovico</td>
<td>16</td>
<td>3</td>
<td>First semester</td>
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<td>Stability of Queueing Networks</td>
<td>D'Auria Bernardo</td>
<td>16</td>
<td>3</td>
<td>Second semester</td>
<td><a href="https://dottorato.math.unipd.it/current-activity/FutureActivities">https://dottorato.math.unipd.it/current-activity/FutureActivities</a></td>
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<td>Convex polyhedra and their diameter</td>
<td>Di Summa Marco</td>
<td>24</td>
<td>4</td>
<td>First semester</td>
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<td>The isoperimetric problem: techniques and applications</td>
<td>Fogagnolo Mattia - Franceschi Valentina</td>
<td>16</td>
<td>3</td>
<td>Second semester</td>
<td><a href="https://dottorato.math.unipd.it/current-activity/FutureActivities">https://dottorato.math.unipd.it/current-activity/FutureActivities</a></td>
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<td>Products of random matrices: theory and applications</td>
<td>Giacomin Giambattista</td>
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<td>Special Functions and Applications</td>
<td>Giusteri Giulio Giuseppe</td>
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<td>Hyperbolic Geometry, Continued Fractions and cluster algebras</td>
<td>Labardini Fragoso Daniel</td>
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<td>Intersection Theory</td>
<td>Scholbach Jakob</td>
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<td>Sommariva Alvise</td>
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<td>Tommasi Orsola</td>
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<td>Urbinati Stefano</td>
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<td>Topics of Control Theory from a Differential Geometric point of view</td>
<td>Spiro Andrea - Zoppello Marta</td>
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| Soft skill activities                                 | Various instructors                             |       |         |              | 1) How to deliver an effective talk  
                                      |                                                  |       |         | 2) Bibliometric indexes  
                                      |                                                  |       |         | 3) Other topics in accordance with the PhD Fellows |