

## New Graduate Course Application Form, SJTU

| Basic Information    |   |  |  |  |
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| Extended Information |   |  |  |  |
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|  | 8.  | 3D |  |  |
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|  | <b>1. Introduction to smart biomedical materials</b>                        |    |  |  |
|  | <b>2. Biocompatibility of biomaterials</b>                                  |    |  |  |
|  | <b>3. Smart biomedical metallic materials with controllable degradation</b> |    |  |  |

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|  | <b>4. Advanced functional bioceramic materials</b>  |  |  |  |
|  | <b>5. Smart biomedical polymer hydrogel materials</b>   |  |  |  |
|  | <b>6. Biomaterials interfaces and smart functional coatings<br/>(6 class hours)</b>             |  |  |  |
|  | <b>7. Artificial organs, tissue engineering and smart materials for regeneration and repair</b> |  |  |  |
|  | <b>8. Biological 3D printing technology</b>   |  |  |  |
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