

# MIT Undergraduate Courses

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Major: Bioengineering, Minor: Mechanical Engineering | GPA: 5.0/5.0

*\*Note not all courses taken are listed here*

For official academic transcript, please email me at [hhigginb@mit.edu](mailto:hhigginb@mit.edu)

| Bioengineering           |  |    |
|--------------------------|--|----|
| <b>20.109</b>            | Lab Fundamentals in Biological Engineering   | 12 |
| <b>20.110</b>            | Thermodynamics of Biomolecular Systems       | 12 |
| <b>20.309</b>            | Instrumentation & Measurement for Biol. Sys. | 12 |
| <b>20.320</b>            | Biomolecular & Cellular Systems              | 12 |
| <b>20.330</b>            | Fields, Forces, Flows                        | 12 |
| <b>20.380</b>            | Biological Engineering Design                | 12 |
| Mechanical Engineering   |  |    |
| <b>2.001</b>             | Mechanics and Materials I                    | 12 |
| <b>2.003</b>             | Dynamics and Control I                       | 12 |
| <b>2.007</b>             | Design and Manufacturing I                   | 12 |
| <b>2.008</b>             | Design and Manufacturing II                  | 12 |
| <b>2.086</b>             | Numerical Computation                        | 12 |
| <b>2.670</b>             | Mechanical Engineering Tools                 | 3  |
| <b>2.750</b>             | Medical Device Design                        | 12 |
| Engineering & Leadership |  |    |
| <b>16.650</b>            | Engineering Leadership Lab                   | 3  |
| <b>16.651</b>            | Engineering Leadership                       | 3  |
| <b>2.723</b>             | Engineering Innovation and Design            | 6  |
| <b>2.EPE</b>             | UPOP Engineer Practice Experience            | 1  |
| <b>2.EPW</b>             | UPOP Engineer Practice Workshop              | 1  |
| <b>EC.729</b>            | D-Lab: Design for Scale                      | 12 |
| Other STEM               |  |    |
| <b>18.02</b>             | Calculus II                                  | 12 |
| <b>18.03</b>             | Differential Equations                       | 12 |
| <b>8.02</b>              | Physics II                                   | 12 |
| <b>5.12</b>              | Organic Chemistry                            | 12 |

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|-------------------|---------------------------------------|----|
| <b>6.00</b>       | Intro: Computer Science & Programming | 12 |
| <b>7.03</b>       | Genetics                              | 12 |
| <b>7.05</b>       | General Biochemistry                  | 12 |
| <b>7.06</b>       | Cell Biology                          | 12 |
| <b>16.S685</b>    | Special Subject in Aero & Astro       | 3  |
| <b>Humanities</b> |                                       |    |
| <b>21L.021</b>    | Comedy                                | 12 |
| <b>21M.361</b>    | Electronic Music Composition          | 12 |
| <b>9.00</b>       | Psychology                            | 12 |
| <b>21W.729</b>    | Engineering Communication in Context  | 12 |
| <b>21A.00</b>     | Introduction to Anthropology          | 12 |
| <b>21A.501</b>    | Art, Craft, Science                   | 12 |