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| Course name | Course code | Instructor(s) | Textbook(s) or topics |
| **2018-2019 academic year, California Institute of Technology, 1st year of PhD** | | | |
| Quantum Chemistry | Ch125B | Garnet Chan, Thomas Miller | Szabo, Tannor |
| Molecular Spectra and Structure | Ch126 | Geoff Blake | - |
| Introduction to Probability Models | ACM116 | Konstantin Zuev | Ross |
| Statistical Physics | Ph127A | Olexei Motrunich | Kardar |
| Solid-State Physics | APh114A | Keith Schwab | Kittel, Ibach |
| **2017-2018 academic year, University of Toronto, senior year** | | | |
| Laser Spectroscopy and Photophysics | CHM1482H1F | Mark Wilson, Gilbert Walker | Mark Fox |
| Applications of Quantum Mechanics | CHM423H1F | Paul Brumer | Liboff; Tannor |
| Electromagnetic Theory | PHY350H1F | Erich Poppitz | Griffins |
| Quantum mechanics II | PHY456H1F | Yong Baek Kim | Shankar |
| Introduction to Chemistry Research | CHM499Y1Y | Jeremy Schofield | Protein dynamics |
| Interpretations of Quantum Mechanics | PHY491H1S | John Sipe | Unpublished text |
| Physical Methods in Inorganic Chemistry | CHM1266H1S | D.Stephan, U.Fekl, B.Morris, G.Ozin, Kraatz, D.Song | Mossbauer, NMR, EPR, XPS, Diffraction |
| **2016-2017 academic year, University of Toronto, junior year** | | | |
| Quantum Mechanics & Spectroscopy | CHM326H1F | Mark Wilson | Levine |
| Modern Physical Chemistry  (statistical mechanics) | CHM328H1S | Jeremy Schofield | Levine |
| Physical Chemistry Lab | CHM327H1F | Cynthia Goh | Project |
| Physical Organic Chemistry | CHM443H1S | Mark Taylor | Anslyn & Dougherty |
| Intermediate Inorganic Chemistry | CHM338H1F | Doug Stephan | Housecroft |
| Organic Synthesis | CHM342H1F | Robert Batey | Clayden, Greeves |
| Materials Chemistry  (Polymers and Solid state) | CHM325H1S | Geoffrey Ozin,  Eugenia Kumacheva | Coleman & Painter |
| Proteins | BCH340H1S | Watts, Chan, Chakrabartty | - |
| Pharmaceutics 1 | PHC230H1S | Macgregor, Wu, Chalikian | - |
| Modern Symbolic Logic | PHL245H1S | Alex Koo | - |
| Organic Reaction Mechanisms | CHM348H1S | Ronald Kluger | Carey & Sandberg |
| Probability & Inductive Logic | PHL246H1F | Franz Huber | Unpublished text |
| **2015-2016 academic year, University of Toronto, sophomore year** | | | |
| Introductory Physical Chemistry | CHM222H1F | Ray Kapral | Levine |
| Physical Chemistry Molecular Viewpoint (Introductory quantum) | CHM223H1S | Dvira Segal | Levine |
| Multivariable Calculus | MAT235Y1Y | Michael Pawliuk | Stewart |
| Linear algebra | MAT222H1F | Sean Uppal | Nicholson |
| Introductory Inorganic Chemistry | CHM238Y1Y | McIntosh, Stephan, Song | Housecroft |
| Introductory Analytical Chemistry | CHM217H1F | David Stone | Skoog |
| Introductory Instrumental Analysis | CHM317H1S | Rebecca Jockusch | Skoog |
| Biochemistry I | BCH210H1S | Reithmeier, Andropoulos | Garrett |
| Organic Chemistry | CHM249H1S | Mark Lautens, Andrei Yudin | McMurry |
| **2014-2015 academic year, University of Toronto Mississauga, freshman year** | | | |
| Chemical Principles 1 | CHM110H5F | Judith Poe | Zumdahl |
| Chemical Principles 2 | CHM120H5S | Judith Poe | Zumdahl |
| Calculus | MAT135Y5Y | Elio Mazzeo | Stewart |
| Introductory Physics I | PHY156H5F | Wagih Ghobriel | Sears & Zemansky |
| Introductory Physics II | PHY157H5S | Wagih Ghobriel | Sears & Zemansky |
| Introductory Organic Chemistry I | CHM138H1F | Nick Morra | McMurry |