

# DEPARTMENT OF CELL AND SYSTEMS BIOLOGY

## UNDERGRADUATE TIMETABLE : 2017-18

December 2017

### Important Dates

|                                                     |                                                                                                                                                                             |                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Fall Term begins :</b>                           | 7 September 2017                                                                                                                                                            |                                                                       |
| <b>Fall Term ends :</b>                             | 6 December 2017                                                                                                                                                             | All term work in F courses must be submitted by this date.            |
| <b>Thanksgiving:</b>                                | 9 October 2017                                                                                                                                                              | No classes                                                            |
| <b>F Course Drop Date:</b>                          | 6 November 2017                                                                                                                                                             |                                                                       |
| <b>November Break</b>                               | 6 - 10 November 2017                                                                                                                                                        | No classes                                                            |
| <b>Optional Monday Class</b>                        | 7 December 2017                                                                                                                                                             | Can use this day to make up for classes missed on Thanksgiving Monday |
| <b>December Study Break</b>                         | 8 December 2017                                                                                                                                                             | No classes                                                            |
| <b>Final Exams - F courses :</b>                    | 9 - 20 December 2017                                                                                                                                                        |                                                                       |
|                                                     |                                                                                                                                                                             |                                                                       |
| <b>Winter Term begins :</b>                         | 4 January 2018                                                                                                                                                              |                                                                       |
| <b>Winter Term ends :</b>                           | 4 April 2018                                                                                                                                                                | All term work in H, S & Y courses must be submitted by this date.     |
| <b>Y Course Drop Date:</b>                          | 20 February 2018                                                                                                                                                            |                                                                       |
| <b>Family Day Holiday</b>                           | 19 February 2018                                                                                                                                                            | No Classes                                                            |
| <b>Reading Week :</b>                               | 19 - 23 February 2018                                                                                                                                                       |                                                                       |
| <b>S Course Drop Date:</b>                          | 14 March 2018                                                                                                                                                               |                                                                       |
| <b>Good Friday:</b>                                 | 30 March 2018                                                                                                                                                               | No classes                                                            |
| <b>Optional Friday Class</b>                        | 5 April 2018                                                                                                                                                                | Can use this day to make up for classes missed on Good Friday         |
| <b>April Study Break :</b>                          | 6 April 2018                                                                                                                                                                | No tests or examinations may be held during this period.              |
| <b>CSB 497H1S/498Y1Y/499Y1Y<br/>Poster Session:</b> | <b>6 April 2018</b>                                                                                                                                                         |                                                                       |
| <b>Final Exams :</b>                                | 9- 30 April 2018                                                                                                                                                            |                                                                       |
| <b>Room Reservations :</b>                          | Requests for additional rooms, or room changes should be made to Janet Mannone (416-978-8879 or <a href="mailto:janet.mannone@utoronto.ca">janet.mannone@utoronto.ca</a> ). |                                                                       |

| COURSE NO. & NAME                                | LECTURE             |                     | LABORATORY/TUTORIAL                              |                                                         | PROFESSORS:                                                       |
|--------------------------------------------------|---------------------|---------------------|--------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|
|                                                  | Time                | Room(s)             | Time                                             | Room(s)                                                 |                                                                   |
| <b>R = Thursday</b>                              |                     |                     |                                                  |                                                         |                                                                   |
| <b>BIO 130H1S<br/>Molecular and Cell Biology</b> | M10, R10-12<br>R6-9 | Con Hall<br>MS2158  | T9-12)<br>MTWR1-4)<br>F11-2)<br>MT5-8)<br>MT6-9) | RW203, 205<br>214, 216<br>217                           | YIP (day)<br>YIP (evening)<br>Neumann (Coordinator)               |
| <b>BIO 230H1F<br/>From Genes to Organisms</b>    | T12-2, R1<br>T6-9   | Con. Hall<br>MS2158 | WR9-12, W2-5<br><br>MTR2-5)<br>W6-9)             | RW203, 205,<br>216, 217<br>RW203, 205,<br>214, 216, 217 | HARRIS, Desveaux, (day)<br>Yip (evening)<br>Garside (Coordinator) |

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|-------------------------------------------------------------------------------------------|-------------------|-----------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|
|                                                                                           | Time              | Room(s)                           | Time                                      | Room(s)                                                   |                                                                   |
| <b>R = Thursday</b>                                                                       |                   |                                   |                                           |                                                           |                                                                   |
| BIO 255H1F<br><b>Cell &amp; Molecular Biology with<br/>Advanced Laboratory</b>            | T12-2, R1<br>T6-9 | Con. Hall<br>MS2158               | M11-2                                     | RW211, 213                                                | HARRIS, Desveaux, (day)<br>Yip (evening)<br>Neumann (Coordinator) |
| BIO 260H1S<br><b>Concepts in<br/>Genetics</b>                                             | MWF10             | MC102                             | W11<br>W12<br>W1<br>W3<br>W5              | RW140<br>RW140, RW142<br>RS310, RW142<br>ES B149<br>RW142 | MCCOURT, MacPherson                                               |
| BIO 270H1F<br><b>Animal Physiology I</b>                                                  | W2-4              | MC102                             | M1-4)<br>T9-12, 2-5)<br>RF9-12)           | RW208, 209                                                | GARSIDE                                                           |
| BIO 271H1S<br><b>Animal Physiology II</b>                                                 | W2-4              | UC140                             | T2-5<br>RF9-12                            | RW208, 209                                                | IQBAL                                                             |
| CJH 332H1S<br><b>Neurobiology of the Synapse</b>                                          | M10-12<br>W11     | OI G162<br>MS2158                 | --                                        | --                                                        | JU                                                                |
| CSB 201H1F<br><b>Molecular Biology, Biotechnology<br/>and You</b>                         | --                | On-line                           | R10<br>R12<br>F11<br>F12                  | On-line<br>On-line<br>On-line<br>On-line                  | NEUMANN, Yip                                                      |
| CSB 202H1S<br><b>Further Exploration in<br/>Biotechnology</b>                             | MR1               | RW 143                            | R2                                        | RW 143                                                    | YIP                                                               |
| CSB 299Y1Y<br><b>Research Opportunity Program</b>                                         | --                | --                                | --                                        | --                                                        | Calarco, Lumba,<br>Provart, Saltzman                              |
| CSB 325H1F<br><b>Endocrine Physiology</b>                                                 | T11-1             | RW117                             | W12-3<br>W5-8<br>R4-7                     | UC163<br>RW143<br>RW140                                   | LOVEJOY                                                           |
| CSB 327H1F<br><b>Extracellular Matrix Dynamics<br/>and Associated Pathologies</b>         | M2<br>W2-4        | WB116<br>WB116                    | --                                        | --                                                        | RINGUETTE                                                         |
| CSB 328H1F<br><b>Developmental Biology</b>                                                | MW5               | RW110                             | W11-1)<br>W1-3)<br>M6 (optional tutorial) | RW211, 213,<br>214, 208 (seminars only)<br>RW110          | GODT                                                              |
| CSB 329H1S<br><b>Stem Cell Biology: Developmental<br/>Models and Cell-based Therapies</b> | M3-5              | LM159                             | --                                        | --                                                        | RINGUETTE                                                         |
| CSB 330H1S<br><b>Techniques in Molecular<br/>and Cell Biology</b>                         | M9:30-11:30       | RW143<br>RW211, 213<br>RW107, 109 | W9:30-12:30                               | RW211, 213                                                | GORING, MacPherson                                                |
| CSB 331H1S<br><b>Advanced Cell Biology I: Cellular<br/>Dynamics During Development</b>    | M2<br>W2-4        | KP108<br>KP108                    | --                                        | --                                                        | PLOTNIKOV                                                         |
| CSB 340H1F<br><b>Plant Development</b>                                                    | TR1               | LM161                             | --                                        | --                                                        | BERLETH                                                           |
| CSB 343H1F<br><b>Animal Energetic</b>                                                     | W6-8              | RW110                             | --                                        | --                                                        | STEPHENSON                                                        |
| CSB 345H1F<br><b>Introductory Biology of Sleep</b>                                        | R1-3              | RW110                             | --                                        | --                                                        | STEPHENSON                                                        |
| CSB 346H1S<br><b>Neurobiology of Respiration</b>                                          | T5-7<br>R5        | MC102<br>ES1050                   | --                                        | --                                                        | FRAIGNE                                                           |
| CSB 348H1S<br><b>Laboratory in Comparative<br/>Animal Physiology</b>                      | R1                | RW211, 213                        | R2-5                                      | RW211, 213                                                | GARSIDE                                                           |

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|------------------------------------------------------------------------------------------|---------------|----------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
|                                                                                          | Time          | Room(s)              | Time                                                       | Room(s)                                                                                                                                      |                                       |
| <b>R = Thursday</b>                                                                      |               |                      |                                                            |                                                                                                                                              |                                       |
| CSB 349H1S<br><b>Eukaryotic Gene Expression</b>                                          | T5-8          | ES1050               | T10-12<br>T2-4<br>W10-12<br>W2-4<br>R10-12<br>R2-4<br>R4-6 | UC44, UC57,<br>UC69, UC 257<br>BL312, UC44,<br>UC69, UC257<br>IN223, IN313<br>SS1080, UC51<br>IN209, UC51<br>SS2114, UC B203<br>BF214, IN313 | MOSES, Moeder<br>Moeder (Coordinator) |
| CSB 350H1F<br><b>Laboratory in Molecular Plant Biology</b>                               | M10-12        | ES4001, 3088<br>4076 | R9-12                                                      | ES3088. 4076                                                                                                                                 | CHRISTENDAT,<br>Nambara               |
| CSB 351Y1Y<br><b>Introductory Virology</b>                                               | TR2           | MS2158               | T3<br>R3<br>T3<br>R3                                       | MS2158 (Fall)<br>SF3202 (Fall)<br>RS208 (Winter)<br>SF2202 (Winter)                                                                          | HEFFERON                              |
| CSB 352H1S<br><b>Bioinformatic Methods</b>                                               | --            | On-line              | R 3-5<br>F12-2                                             | RW107, 109<br>RW109                                                                                                                          | PROVART                               |
| CSB 353H1S<br><b>Plant-Microorganism Interactions and Plant Immunity</b>                 | R3-5          | SS2118               | --                                                         | --                                                                                                                                           | YOSHIOKA                              |
| CSB 397Y0Y<br><b>Research Abroad in Cell &amp; Systems Biology</b>                       | --            | --                   | --                                                         | --                                                                                                                                           | BUCK                                  |
| CSB 399Y1Y<br><b>Research Opportunity Program</b>                                        | --            | --                   | --                                                         | --                                                                                                                                           | Calarco, Lumba,<br>Provart, Saltzman  |
| CSB 426H1F<br><b>Physiology of Stress and Reproduction</b>                               | M1<br>W10-12  | RW143                | --                                                         | --                                                                                                                                           | LOVEJOY                               |
| CSB427H1S<br><b>Drosophila as a Model in Cancer Research</b>                             | W1-4          | RW143                | --                                                         | --                                                                                                                                           | TEPASS                                |
| CSB 428H1F<br><b>Advanced Cell Biology II: Cell Polarity &amp; Cytoskeletal Dynamics</b> | W1-4          | RW143                | --                                                         | --                                                                                                                                           | HARRIS, Plotnikov                     |
| CSB 429H1S<br><b>Germ Cell Biology</b>                                                   | M11-2         | SS1069               | --                                                         | --                                                                                                                                           | GODT                                  |
| CSB 430H1S<br><b>Neurogenesis</b>                                                        | MW4<br>W5     | RW143<br>RW143       | --                                                         | --                                                                                                                                           | TROPEPE                               |
| CSB 431H1S<br><b>Evolution and Development: Gastrulation</b>                             | M3<br>T4-6    | RW015A<br>RW015A     | --                                                         | --                                                                                                                                           | WEN                                   |
| CSB 432H1S<br><b>Advanced Topics in Cellular Neurophysiology</b>                         | T1-4          | RW432                | --                                                         | --                                                                                                                                           | WOODIN                                |
| CSB 435H1S<br><b>Regulatory Networks and Systems In Molecular Biology</b>                | R3-5          | ES3087               | --                                                         | --                                                                                                                                           | MOSES                                 |
| CSB 443H1F<br><b>Homeostasis</b>                                                         | W1-4          | RW015A               | --                                                         | --                                                                                                                                           | STEPHENSON                            |
| CSB 445H1F<br><b>Topics in Sleep Research</b>                                            | R9-12         | RW015A               | --                                                         | --                                                                                                                                           | STEPHENSON                            |
| CSB 447H1S<br><b>Living Without Oxygen: Microbes to Mammals</b>                          | T11<br>R10-12 | RW142<br>RW142       | --                                                         | --                                                                                                                                           | BUCK                                  |

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|-----------------------------------------------------------------------------------------|-----------------------|------------------|---------------------|----------------------------------------------------------------|-------------------------|
|                                                                                         | Time                  | Room(s)          | Time                | Room(s)                                                        |                         |
| <b>R = Thursday</b>                                                                     |                       |                  |                     |                                                                |                         |
| CSB 450H1F<br><b>Proteomics in Systems Biology</b>                                      | R1-3                  | ES3087           | --                  | --                                                             | CHRISTENDAT             |
| CSB 452H1F<br><b>Molecular Plant-Microorganism Interactions</b>                         | M10-12                | ES3087           | --                  | --                                                             | DESVEAUX, Moeder        |
| CSB 458H1F<br><b>Epigenetics</b>                                                        | T1--4                 | RW432            | --                  | --                                                             | VARMUZA                 |
| CSB 459H1F<br><b>Plant Molecular Biology and Biotechnology</b>                          | TR10                  | ES3087           | --                  | --                                                             | GORING                  |
| CSB 460H1F<br><b>Plant Signal Transduction</b>                                          | MW12                  | ES3087           | --                  | --                                                             | BERLETH, McCourt        |
| CSB 472H1S<br><b>Computational Genomics And Bioinformatics</b>                          | W10-12                | RW432, SS561     | W12                 | RW432                                                          | PROVART, Guttman        |
| CSB 473H1S<br><b>Chemical Genomics</b>                                                  | T10-12                | ES3087           | --                  | --                                                             | MCCOURT, Lumba          |
| CSB 474H1S<br><b>Methods in Genomics and Proteomics</b>                                 | --                    | --               | T12-4               | ES4076<br>Sociology Comp Lab,<br>725 Spadina, Rm 36 (basement) | WANG                    |
| CSB 475H1F<br><b>Plant Metabolomics</b>                                                 | MR5                   | ES3087           | --                  | --                                                             | NAMBARA                 |
| CSB 483H1F<br><b>Seminar in Development I</b>                                           | W6-8                  | RW015A           | --                  | --                                                             | WINKLBAUER              |
| CSB 490H1F<br><b>Team-Based Learning: Advanced Topics in Cell and Molecular Biology</b> | M2-4<br>R3            | ES3087<br>ES3087 | --                  | --                                                             | CHRISTENDAT,<br>Neumann |
| CSB 491H1S<br><b>Team-Based Research: Research in Cell and Molecular Biology</b>        | -----NOT OFFERED----- |                  |                     |                                                                |                         |
| CSB 492H1S<br><b>Advanced Topics in Cell and Systems Biology</b>                        | -----NOT OFFERED----- |                  |                     |                                                                |                         |
| CSB 497H1F/497H1S/498Y1Y<br><b>Project in Cell &amp; Systems Biology I</b>              | F4-5:30               | RW142            | --                  | --                                                             | BUCK/Staff              |
| CSB 499Y1Y<br><b>Project in Cell &amp; Systems Biology II</b>                           | F4-5:30               | RW142            | --                  | --                                                             | BUCK/Staff              |
| LTE 199H1F, L0421<br><b>Genes, Genomes and Us</b>                                       | M3-5                  | RW015A           | --                  | --                                                             | BRUCE                   |
| LTE 199H1F, L0422<br><b>Topics in Biotechnology and Agriculture</b>                     | T11-1                 | ES3087           | --                  | --                                                             | BERLETH                 |
| LTE 199H1F, L0423<br><b>Topics in Biotechnology and Agriculture</b>                     | R11-1                 | ES3087           | --                  | --                                                             | BERLETH                 |
| LTE 199H1S, L5421<br><b>Biotechnology and Society</b>                                   | M6-8                  | ES3087           | --                  | --                                                             | COLEMAN                 |
| LTE 199H1S<br><b>Human and Biological Viruses</b>                                       | -----NOT OFFERED----- |                  |                     |                                                                |                         |
| LTE199H1S<br><b>Cell and Molecular Biology in the News</b>                              | -----NOT OFFERED----- |                  |                     |                                                                |                         |