

2nd year Bachelor 2016-2017 - Prof. Luc Tappy, year coordinator

| Modules and domains                                       | Components     | Nb hours | Coordinator                | Credits   |
|---|----------------|----------|----------------------------|-----------|
| <b>BMed2.1 Cells, organs, systems</b>                     |                |          | <b>Dotto Gian-Paolo</b>    | <b>7</b>  |
| B2.1 Cells, organs, systems - Biochemistry                | Course         | 12       |                            |           |
| B2.1 Cells, organs, systems - Biochemistry                | Practical work | 4        |                            |           |
| B2.1 Cells, organs, systems - Endocrinology               | Workshop       | 4        |                            |           |
| B2.1 Cells, organs, systems - Endocrinology               | Course         | 8        |                            |           |
| B2.1 Cells, organs, systems - Histology                   | Course         | 3        |                            |           |
| B2.1 Cells, organs, systems - Histology                   | Practical work | 2        |                            |           |
| B2.1 Cells, organs, systems - Pathology                   | Course         | 8        |                            |           |
| B2.1 Cells, organs, systems - Pathology                   | Practical work | 2        |                            |           |
| B2.1 Cells, organs, systems - Pharmacology and toxicology | Course         | 14       |                            |           |
| B2.1 Cells, organs, systems - Pharmacology and toxicology | Practical work | 4        |                            |           |
| B2.1 Cells, organs, systems - Radiology                   | Course         | 8        |                            |           |
| <b>BMed2.2 Blood, immunity, infection</b>                 |                |          | <b>Greub Gilbert</b>       | <b>10</b> |
| B2.2 Blood, immunity, infection - Biochemistry            | Practical work | 5        |                            |           |
| B2.2 Blood, immunity, infection - Hematology              | Course         | 17       |                            |           |
| B2.2 Blood, immunity, infection - Histology               | Practical work | 5        |                            |           |
| B2.2 Blood, immunity, infection - Immunology              | Course         | 28       |                            |           |
| B2.2 Blood, immunity, infection - Microbiology            | Course         | 19       |                            |           |
| B2.2 Blood, immunity, infection - Microbiology            | Practical work | 6        |                            |           |
| B2.2 Blood, immunity, infection - Pathology               | Course         | 25       |                            |           |
| <b>BMed2.3 Neurosciences</b>                              |                |          | <b>Hornung Jean-Pierre</b> | <b>10</b> |
| B2.3 Neurosciences - Anatomy                              | Course         | 7        |                            |           |
| B2.3 Neurosciences - Anatomy                              | Practical work | 10       |                            |           |
| B2.3 Neurosciences - Biochemistry                         | Practical work | 4        |                            |           |
| B2.3 Neurosciences - Embryology                           | Course         | 4        |                            |           |
| B2.3 Neurosciences - Histology                            | Practical work | 2        |                            |           |
| B2.3 Neurosciences - Radiology                            | Course         | 2        |                            |           |
| B2.3 Neurosciences - Radiology                            | Practical work | 2        |                            |           |
| B2.3 Neurosciences - Neurology                            | Course         | 6        |                            |           |
| B2.3 Neurosciences - Neurosciences                        | Course         | 37       |                            |           |
| B2.3 Neurosciences - ENT                                  | Course         | 1        |                            |           |
| B2.3 Neurosciences - Pathology                            | Course         | 2        |                            |           |
| B2.3 Neurosciences - Pharmacology                         | Course         | 6        |                            |           |

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| <b>BMed2.4 Breathing and circulation</b>                          |                |          | <b>Tappy Luc</b>      | <b>10</b> |
| B2.4 Breathing and circulation - Anatomy                          | Course         | 10       |                       |           |
| B2.4 Breathing and circulation - Anatomy                          | Practical work | 8        |                       |           |
| B2.4 Breathing and circulation - Biochemistry                     | Practical work | 4        |                       |           |
| B2.4 Breathing and circulation - Histology                        | Course         | 11       |                       |           |
| B2.4 Breathing and circulation - Histology                        | Practical work | 6        |                       |           |
| B2.4 Breathing and circulation - Pathology                        | Course         | 2        |                       |           |
| B2.4 Breathing and circulation - Pathology                        | Practical work | 2        |                       |           |
| B2.4 Breathing and circulation - Pharmacology                     | Course         | 3        |                       |           |
| B2.4 Breathing and circulation - Physiology                       | Workshop       | 4        |                       |           |
| B2.4 Breathing and circulation - Physiology                       | Course         | 37       |                       |           |
| B2.4 Breathing and circulation - Physiology                       | Practical work | 4        |                       |           |
| B2.4 Breathing and circulation - Physiopathology                  | Course         | 3        |                       |           |
| B2.4 Breathing and circulation - Physics                          | Course         | 4        |                       |           |
| B2.4 Breathing and circulation - Radiology                        | Course         | 2        |                       |           |
| B2.4 Breathing and circulation - Radiology                        | Practical work | 2        |                       |           |
| <b>BMed2.5 Digestive system, metabolism</b>                       |                |          | <b>Regazzi Romano</b> | <b>7</b>  |
| B2.5 Digestive system, metabolism - Anatomy                       | Course         | 8        |                       |           |
| B2.5 Digestive system, metabolism - Anatomy                       | Practical work | 6        |                       |           |
| B2.5 Digestive system, metabolism - Biochemistry                  | Course         | 21       |                       |           |
| B2.5 Digestive system, metabolism - Biochemistry                  | Practical work | 3        |                       |           |
| B2.5 Digestive system, metabolism - Gastroenterology              | Course         | 4        |                       |           |
| B2.5 Digestive system, metabolism - Histology                     | Course         | 8        |                       |           |
| B2.5 Digestive system, metabolism - Histology                     | Practical work | 4        |                       |           |
| B2.5 Digestive system, metabolism - Pathology                     | Course         | 4        |                       |           |
| B2.5 Digestive system, metabolism - Pediatrics                    | Course         | 2        |                       |           |
| B2.5 Digestive system, metabolism - Pharmacology                  | Course         | 3        |                       |           |
| B2.5 Digestive system, metabolism - Physiology                    | Course         | 27       |                       |           |
| B2.5 Digestive system, metabolism - Radiology                     | Course         | 2        |                       |           |
| B2.5 Digestive system, metabolism - Radiology                     | Practical work | 2        |                       |           |
| <b>BMed2.6 Urogenital system and homeostasis</b>                  |                |          | <b>Schild Laurent</b> | <b>10</b> |
| B2.6 Urogenital system and homeostasis - Anatomy                  | Course         | 6        |                       |           |
| B2.6 Urogenital system and homeostasis - Anatomy                  | Practical work | 3        |                       |           |
| B2.6 Urogenital system and homeostasis - Biochemistry             | Practical work | 5        |                       |           |
| B2.6 Urogenital system and homeostasis - Endocrinology            | Course         | 7        |                       |           |
| B2.6 Urogenital system and homeostasis - Histology and Embryology | Course         | 16       |                       |           |
| B2.6 Urogenital system and homeostasis - Histology and Embryology | Practical work | 10       |                       |           |
| B2.6 Urogenital system and homeostasis - Nephrology               | Course         | 8        |                       |           |
| B2.6 Urogenital system and homeostasis - Pathology                | Course         | 2        |                       |           |
| B2.6 Urogenital system and homeostasis - Pathology                | Practical work | 2        |                       |           |
| B2.6 Urogenital system and homeostasis - Pharmacology             | Course         | 5        |                       |           |

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| B2.6 Urogenital system and homeostasis - Physiology   | Course         | 11        |   |          |
| B2.6 Urogenital system and homeostasis - Physiopathology  | Course         | 18        |   |          |
| B2.6 Urogenital system and homeostasis - Radiology  | Course         | 4         |   |          |
| B2.6 Urogenital system and homeostasis - Radiology  | Practical work | 2         |   |          |
| B2.6 Urogenital system and homeostasis - Urology  | Course         | 2         |   |          |
| <b>BMed2.7 Medicine : individual - Community - Society</b>  |                |           | <b>Daepfen Jean-Bernard</b>                                 | <b>-</b> |
| B2.7 Visit to socio-medical centers and Medicine in private practice  | Course         | 2         |   |          |
| B2.7 Medicine in private practice   | Seminar        | 5         |   |          |
| B2.7 Visit to socio-medical centers   | Workshop       | 10        |   |          |
| <b>BMed2.8 Clinical skills</b>  |                |           | <b>Félix Sylvie<br/>Newman Christopher<br/>Monti Matteo</b> | <b>5</b> |
| B2.8 Clinical skills - 2.1  | Practical work | 13        |   |          |
| B2.8 Clinical skills - 2.2  | Practical work | 7         |   |          |
| B2.8 Clinical skills - 2.3  | Practical work | 21        |   |          |
| B2.8 Clinical skills - 2.4  | Practical work | 7         |   |          |
| B2.8 Clinical skills - 2.5  | Practical work | 6         |   |          |
| B2.8 Clinical skills - 2.6  | Practical work | 11        |   |          |
| <b>BMed2.9 Optional courses - Themes to choose from</b>   |                | <b>10</b> | <b>Regazzi Romano</b>                                       | <b>1</b> |
| <ul style="list-style-type: none"> <li>- How to study motion</li> <li>- Brain cells in action</li> <li>- Immunology, inflammation, cancer</li> <li>- Transgenic mice as animal model for diseases</li> <li>- Public health : defining issues and strategies in populationel medicine</li> <li>- How discoveries in genomics serve medicine</li> <li>- Dietary sugars and health : frombeneficial effects to athletes to deleterious effects in sedentary individuals</li> <li>- The mysteries of sleep</li> </ul> |                |           |   |          |