



IMBS Master Programm – Modules

Duration: 4 Semester / Start in March – End in February

| Nr | MODULES | Type of course | Credit points | Semester | Type of exam |
|---------------------------------------|--|----------------|---------------|----------|--|
| Universidad Buenos Aires (UBA) | | | | | |
| | Intensive Spanish Language Course | V+Ü | 3 | 1 | SL: written test |
| I | Biophysics, Bioenergetics (Ia), Biochemistry and Molecular Biology (Ib) | V+Ü+Pr | 5 | 1 | SL: report on virtual activities PL: written exam |
| II | Physiology (IIa), Pathophysiology (IIb), Cellular and Molecular Immunology (IIc) | V+Ü+Pr+S | 5 | 1 | SL: oral presentation PL: written exam |
| III | Pharmacology (IIIa) and Toxicology (IIIb) | V+Ü+Pr | 5 | 1 | SL: oral presentation PL: written exam |
| IV | Virology (IVa) and Microbiology (IVb) | V+Ü+Pr | 5 | 1 | PL: oral exam |
| V | Neurobiology | V+Pr+S | 5 | 1 | PL: written exam |
| VI | Pathology | V+Pr+S | 5 | 1 und 2 | PL: oral exam |
| VII | Clinical Medicine | V+Pr+S | 5 | 2 | PL: oral exam |
| VIII | Molecular Oncology (VIIIa), Biostatistics and Experimental Models (VIIIb) | V+Pr+Ü | 5 | 2 | PL: written exam |
| | Subtotal | | 43 | | |
| Universität Freiburg (UFR) | | | | | |
| | Intensive German Language Course | V+Ü | 3 | 2 | SL: written test |
| | Introduction into research methods and scientific communication | V+Ü+Pr | 5 | 2 | SL: oral presentation |
| I | Biostatistics and Machine Learning (Ia), Bioethics (Ib) | V+Ü+S | 5 | 2 | PL: written exam |
| II | Pharmacology, Toxicology (IIa), Materials and Microsystems (IIb) | V+S+Pr | 5 | 2 | PL: oral and written exam |
| III | Molecular Oncology (IIIa) and Cardiology (IIIb) | V+S+Pr | 7 | 2 | SL: oral test PL: written exam |
| IV | Molecular and Cellular Biology (IVa), Immunology and Pathology (IVb) | V+S+Pr | 7 | 2 | PL: written exam |
| V | Labor Research | Pr | 15 | 2 und 3 | SL: lab protocol PL: oral presentation |
| | Subtotal | | 47 | | |
| UBA oder UFR | | | | | |
| | Master Module | | 30 | 3 und 4 | SL: lab protocol PL: Master Thesis PL: Master Thesis Defense |
| | Subtotal | | 30 | | |
| | TOTAL | | 120 | | |

Type of course:

V= lecture, S= Seminar, Ü= Exercise, Pr= practical work

Creditpoints in ECTS:

1 Creditpoint according to ECTS = 25 hours of workload

Exams:

PL = Prüfungsleistung (grades included in final mark)

SL = Studienleistung (no grades, but has to be passed)