

► (A) Course Mapping for UniCa Students

Course Credit Equivalence

UniCa Courses Year I

UniCa Courses Year II

TMU IGPM	UniCa
1. [Elective] 3105E192 Special Topics in Biomedical Informatics (2 credits)	5. [Mandatory] Bioinformatics (9 credits)
2. [Elective] 3105E189 Immunoinformatics (2 credits)	
3. [Elective] 3105E019 Seminar in Medical Informatics (1 credit)	
4. [Elective] 3105E062 Seminar in Medical Informatics (1 credit)	
6. [Mandatory] 3420E001 Experimental Principle & Methods (2 credits)	7. [Mandatory] Advanced Biological Methodologies (9 credits)
8. [Mandatory] A013E004 Molecular Biology (3 credits)	9. [Mandatory] Metabolic Biochemistry (7 credits)
10. [Group-Specific Core / Elective] A013E010 Special Topics in Immunology & Virology (2 credits)	11. [Mandatory] Molecular Virology (7 credits)
12. [Mandatory] A014E001 Seminar (1 credit)	14. [Mandatory] Evolutionary Genomics (7 credits)
13. [Mandatory] A014E002 Seminar (1 credit)	
15. [Mandatory] 3425E025 Medical Statistics (2 credits)	16. [Mandatory] Basis of Scientific Methodology (7 credits)
17. 500 Laboratory Hours ²	18. English Level B2 (3 credits) 19. Optional Teaching Activities (6 credits) 20. Laboratory Practice (5 credits)
21. [Elective] 3075E011 Molecular Biology in Nutrition (2 credits)	22. [Mandatory] Cellular and Molecular Basis of Nutrition (7 credits)
23. [Elective] 3515E002 Special Topics in Cell Therapy & Regeneration Medicine (2 credits)	25. [Mandatory] Cellular and Molecular Bases of Cancer and Tissue Regeneration (7 credits)
24. [Elective] 3215E001 Molecular Cancer Biology (2 credits)	
26. [Elective] A013E007 Tropical Medicine Research (2 credits)	27. [Mandatory] Molecular Microbiology (7 credits)
28. [Mandatory] A014E003 Seminar (1 credit)	31. Optional Teaching Activities (9 credits) 32. Laboratory Practice (13 credits) 33. Master Thesis Preparation (12 credits)
29. [Mandatory] A014E004 Seminar (1 credit)	
30. 700 Laboratory Hours ²	

Note:

¹. Completion of the laboratory hours at TMU will be provided in form of a signed memo from the supervisor at TMU.

► (B) Course Mapping for TMU GIMS Students

Course Credit Equivalence

UniCa Courses Year I

UniCa Courses Year II

TMU GIMS	UniCa
1. [Elective] 3105E192 Special Topics in Biomedical Informatics (2 credits)	5. [Mandatory] Bioinformatics (9 credits)
2. [Elective] 3105E189 Immunoinformatics (2 credits)	
3. [Elective] 3105E019 Seminar in Medical Informatics (1 credit)	
4. [Elective] 3105E062 Seminar in Medical Informatics (1 credit)	
6. [Mandatory] A0140006 Experimental Principle & Methods (2 credits)	7. [Mandatory] Advanced Biological Methodologies (9 credits)
8. [Mandatory] 31900026 Molecular Biology (3 credits)	9. [Mandatory] Metabolic Biochemistry (7 credits)
10. [Group-Specific Core / Elective] 31900087 Advanced Topics in Viral Infectious Diseases (2 credits)	11. [Mandatory] Molecular Virology (7 credits)
12. [Mandatory] A014E001 Seminar (1 credit)	14. [Mandatory] Evolutionary Genomics (7 credits)
13. [Mandatory] A014E002 Seminar (1 credit)	
15. [Mandatory] A0150002 Medical Statistics (2 credits)	16. [Mandatory] Basis of Scientific Methodology (7 credits)
17. 500 Laboratory Hours*	18. English Level B2 (3 credits)
	19. Optional Teaching Activities (6 credits)
	20. Laboratory Practice (5 credits)
21. Dissertation (6 credits)	22. Master Thesis Preparation (5 credits)
23. [Elective] 3075E011 Molecular Biology in Nutrition (2 credits)	24. [Mandatory] Cellular and Molecular Basis of Nutrition (7 credits)
25. [Elective] 31900079 Tumor Biology (2 credits)	27. [Mandatory] Cellular and Molecular Bases of Cancer and Tissue Regeneration (7 credits)
26. [Elective] 31900078 Stem Cells & Tissue Regeneration (2 credits)	
28. [Elective] 31900027 Special Topics in Applied Microbiology (2 credits)	29. [Mandatory] Molecular Microbiology (7 credits)
30. [Mandatory] A014E003 Seminar (1 credit)	33. Optional Teaching Activities (9 credits)
31. [Mandatory] A014E004 Seminar (1 credit)	
32. 700 Laboratory Hours*	
	34. Laboratory Practice (13 credits)
	35. Master Thesis Preparation (12 credits)

► (C) Course Mapping for TMU IGPM Students

Course Credit Equivalence

UniCa Courses Year I

UniCa Courses Year II

TMU IGPM	UniCa
1. [Elective] 3105E192 Special Topics in Biomedical Informatics (2 credits)	5. [Mandatory] Bioinformatics (9 credits)
2. [Elective] 3105E189 Immunoinformatics (2 credits)	
3. [Elective] 3105E019 Seminar in Medical Informatics (1 credit)	
4. [Elective] 3105E062 Seminar in Medical Informatics (1 credit)	
6. [Mandatory] 3420E001 Experimental Principle & Methods (2 credits)	7. [Mandatory] Advanced Biological Methodologies (9 credits)
8. [Mandatory] A013E004 Molecular Biology (3 credits)	9. [Mandatory] Metabolic Biochemistry (7 credits)
10. [Group-Specific Core / Elective] A013E010 Special Topics in Immunology & Virology (2 credits)	11. [Mandatory] Molecular Virology (7 credits)
12. [Mandatory] A014E001 Seminar (1 credit)	14. [Mandatory] Evolutionary Genomics (7 credits)
13. [Mandatory] A014E002 Seminar (1 credit)	
15. [Mandatory] 3425E025 Medical Statistics (2 credits)	16. [Mandatory] Basis of Scientific Methodology (7 credits)
17. 500 Laboratory Hours*	18. English Level C1 (3 credits)
	19. Optional Teaching Activities (6 credits)
	20. Laboratory Practice (5 credits)
21. Dissertation (6 credits)	22. Master Thesis Preparation (5 credits)
23. [Elective] 3075E011 Molecular Biology in Nutrition (2 credits)	24. [Mandatory] Cellular and Molecular Basis of Nutrition (7 credits)
25. [Elective] 3515E002 Special Topics in Cell Therapy & Regeneration Medicine (2 credits)	27. [Mandatory] Cellular and Molecular Bases of Cancer and Tissue Regeneration (7 credits)
26. [Elective] 3215E001 Molecular Cancer Biology (2 credits)	
28. [Elective] A013E007 Tropical Medicine Research (2 credits)	29. [Mandatory] Molecular Microbiology (7 credits)
30. [Mandatory] A014E003 Seminar (1 credit)	33. Optional Teaching Activities (9 credits)
31. [Mandatory] A014E004 Seminar (1 credit)	
32. 700 Laboratory Hours*	
	34. Laboratory Practice (13 credits)
	35. Master Thesis Preparation (12 credits)