

Name of institution:	Universidad del Rosario
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Credit system used in my institution	1 credit = 48 hours
	hours/class and hours/independent study in a relationship of 1:3

Institution **Universidad del Rosario**
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Undergraduate courses in the field of Health Sciences taught in my institution, for last year medical students

Duration 1 year full time program
Structure The programme is divided in 3 cores: a basic core including rotations in the 4 large medical specialties during 8 months, an elective core for a duration of 4 months, and a complementary core including 2 courses.
Total No. of credits 40 credits
Requirements Have completed and obtained a "passed grade" in the 10 semesters of the undergraduate programme in Medicine.
Start/End Academic period December and May

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Basic Core	Medical Specialties	Internal Medicine	8	6		Yes	Spanish	Includes a 20-day rotation in ER Includes a 20-day rotation in Orthopedics Includes a 20-day rotation in Anesthesiology
		Surgery	8	6	Jan-August	Yes	Spanish	
		Gynecology & Obstetrics	8	6	Jun-January	Yes	Spanish	
		Pediatrics	8	6		Yes	Spanish	
Elective Core	Rotations in Medical Specialties, Basic Sciences or Research "stages"	Internal Medicine	16	12		Qualitative/Quan	Spanish	Rotations take place in 21 different hospitals and clinics.
		Cardiology						
		Neumology						
		Infectology						
		Neurology						
		Hematoncology						
		Palliative care						
		Surgery						
		Neurosurgery						
		Cardiovascular Surgery						
		Plastic Surgery						
		Orthopedics						
		Ophthalmology						
		ORL						
		Pediatrics						
		Dermatology						
		Anesthesiology						
		Urology						
		Nephrology						
		Rheumatology						
Psychiatry								
Morphology								
Genetics								
Immunology								
Microbiology								
Enthomology								
Other basic Sciences								
Epidemiology								
Public Health								
Complementary Core	Medical workshops and seminars	Basic Life Support- Advanced Cardiac Life Support		2		Qualitative/Quan	Spanish	compulsory
		Training Course (seminar type)		2			Spanish	compulsory
			40					

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MSC in Biomedical Sciences

Duration 4 semesters
Structure Full time, annual program divided in 3 cores: basic, in-depth and thesis phases.
Total No. of credits (specify for research part) 21 credits for thesis
Requirements Graduate degree in health sciences
Start/End Academic period Annually in August

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Basic Core 1st sem	Statistics	Biostatistics	16	3	Aug-Dec	Yes	Spanish	
	Basic Sciences	Molecular and Cell Biology	16	3	Aug-Dec	yes	Spanish	
	Ethics	Bioethics	12	2	Sep-Dec	No; essay	Spanish	
	Health Sciences	Science and Technology Seminar	4	1	Aug-Dec	No; essay	Spanish	
	Epidemiology	Research Seminar I	16	3	Aug-Dec	No; essay	Spanish	
In-depth Core 2nd sem	Biomedical Sciences	Elective course I	16	4	Jan-Aug	Quantitative/Qualitative	Spanish	Courses depending on student's interest
	Biomedical Sciences	Elective course II	16	4	Jan-Aug	Quantitative/Qualitative	Spanish	Courses depending on student's interest
	Bioemdcial Sciences	Research Seminar II	16	3	Jan-Aug	No; essay	Spanish	Seminars could be taught in English
Thesis 3rd and 4th sem	Biomedical Sciences	Research Seminar III and IV	32	4	Aug-Dec	No;essay	Spanish	Seminars could be taught in English
		Thesis	32	21	Aug-Dec	Qualitative	Spanish	
				48				

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MSc in Human Genetics

Duration 4 semesters
Structure Full time, annual program divided in 4 semesters
Total No. of credits (specify for research ph 50 credits; 9 credits for thesis
Requirements Graduate degree in health sciences
Start/End Academic period Annually in August

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
1st sem	Epidemiology	Research Seminar I	16	3	Aug-Dec	Qualitative/Quantitative	Spanish	
	Health Sciences	Science and Technology Seminar	16	1	Aug-Dec	No; essay	Spanish	
	Basic Sciences	Molecular and Cell Biology I	16	3	Aug-Dec	Yes	Spanish	
	Statistics	Biostatistics	16	3	Aug-Dec	Yes	Spanish	
	Basic Sciences	Experimental Techniques	16	2	Aug-Dec	Yes	Spanish	
2nd sem		Molecular and Cell Biology II	16	3	Feb-Jun	Yes	Spanish	
		Genetic Biochemistry	16	3	Feb-Jun	Yes	Spanish	
		Research Seminar II	16	3	Feb-Jun	Qualitative	Spanish	
		Thesis I	16	3	Feb-Jun	Qualitative	Spanish	
3rd sem		Human Genetics	16	3	Aug-Dec	Yes	Spanish/English	
	Bioomedical Sciences	Research Seminar III	16	3	Aug-Dec	Quantitative/Qualitative	Spanish	
		Thesis II	16	3	Aug-Dec	Qualitative	Spanish	
		Elective I	16	3	Aug-Dec	Quantitative/Qualitative	Spanish	Based on course offer
4th sem	Biomedical Sciences	Population Genetics	16	3	Feb-Jun	Yes	Spanish	Biostatistics is a requirement
		Elective II	16	3	Feb-Jun	Quantitative/Qualitative	Spanish	
		Thesis III	16	6	Feb-Jun	Qualitative	Spanish	
		Research Seminar IV	16	2	Feb-Jun	Qualitative/Quantitative	Spanish	
				50				

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Master in Economics with emphasis on Health Economics

Duration 2 years
Structure Program divided in 4 semesters. Theoretical courses in first and second semester. Practical research phase as of 3rd and 4th semester.
Total No. of credits (specify for research phase) 48 credits in total; 8 for thesis
Requirements Graduate degree in Economics or Health Sciences
Start/End Academic period Academic year starts in August

Type of course	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Basic	Economics	General Equilibrium Theory	16	4	Aug-Dec	Yes	Spanish	
	Economics	Game theory	16	4	Aug-Dec	Yes	Spanish	
	Economics	Advanced econometrics	16	4	Aug-Dec	Yes	Spanish	
	Economics	Mathematical Economics	16	4	Aug-Dec	Yes	Spanish	
	Economics	Economic growth	16	4	Feb-Jun	Yes	Spanish	
	Economics	Topics in econometrics	16	4	Feb-Jun	Yes	Spanish	
In depth	Depending on students interest	Seminar I	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	
		Seminar II	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	
		Seminar III	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	
		Seminar IV	16	4	Aug-Dec	Qualitative/Quantitative	Spanish	
Thesis		Preliminary Thesis	16	4	Aug-Dec	Qualitative/Quantitative	Spanish	
		Thesis	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	

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PhD in Biomedical Sciences

Duration 3-5 years
Structure Full time, annual program divided in 3 cores: basic, in-depth and thesis phases.
Total No. of credits (specify for research) 95 credits; 52 credits for thesis
Requirements Graduate or postgraduate (specialisation, MSs) degree in the health and natural sciences
Start/End Academic period Annually in August

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Basic Core	Statistics	Biostatistics	16	3	Aug-Dec	Yes	Spanish	
	Basic Sciences	Molecular and Cell Biology	16	3	Aug-Dec	yes	Spanish	
	Ethics	Bioethics	12	2	Sep-Dec	No; essay	Spanish	
	Health Sciences	Science and Technology Seminar	4	1	Aug-Dec	No; essay	Spanish	
	Epidemiology	Research Seminar I	16	3	Aug-Dec	No; essay	Spanish	
In-depth Core	Bioomedical Sciences	Elective course	16	16	Feb-Jun & Aug-Dec	Quantitative/Qualitative Qualitative	Spanish/English	Courses depending on students interest
		Research Seminar	16	15				
Thesis	Biomedical Sciences	Practical research phase	2-6 semesters	52		Qualitative		
				95				

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PhD in Economics with emphasis on Health Economics

Duration 5 years
Structure Program divided in 10 semesters. Theoretical courses in 1st, 2nd and 3rd semester. Practical research phase as of 4th semester until 10th semester.
Total No. of credits (specify for research phase) 85 credits in total; 38 for thesis
Requirements Graduate degree in Economics or Health Sciences
Start/End Academic period Academic year starts in August

Type of course	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
1 sem	Economics	General Equilibrium Theory	16	4	Aug-Dec	Yes	Spanish	
	Economics	Game theory	16	4	Aug-Dec	Yes	Spanish	
	Economics	Advanced econometrics	16	4	Aug-Dec	Yes	Spanish	
	Economics	Mathematical Economics	16	4	Aug-Dec	Yes	Spanish	
2 sem	Economics	Economic growth	16	4	Feb-Jun	Yes	Spanish	
	Economics	Topics in econometrics	16	4	Feb-Jun	Yes	Spanish	
	Depending on students interest	Seminar I	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	
		Seminar II	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	
3rd sem	Economics	Macroeconomics		4	Aug-Dec	Yes		
		Seminar III	16	4	Aug-Dec	Qualitative/Quantitative	Spanish	
		Seminar IV	16	4	Aug-Dec	Qualitative/Quantitative	Spanish	
	Depending on students interest	Seminar V		4	Aug-Dec	Qualitative/Quantitative		
4th sem		Thesis	16	4	Feb-Jun	Qualitative/Quantitative	Spanish	
		Proposal of Doctoral dissertation	16	8	Feb-Jun	Qualitative/Quantitative	Spanish	
5-10 sem		Doctoral dissertation		25		Qualitative/Quantitative	Spanish	