

Name of institution:	Universidad de Costa Rica
Department:	Faculty of Medicine
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Credit system used in my institution

1 credit is equivalent to 3 hours of student work during 16 weeks=48 hours.

Undergraduate courses in the field of Health Sciences taught in my institution, for last year medical students

Duration: Medical career lasts 12 semesters.

Structure:

Total No. of credits: 260 credits.

Requirements:

Start/End Academic period : I cycle starts in february and ends in july; II cycle starts in august and ends in december. Medical Internship starts January 1 and ends 31st december.

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
7th cycle of medical career	Pharmacology	ME 0306 Basic Pharmacology I	16	2,00	I cycle	Yes, 1 or 2 along course and a final exam	spanish	
8th cycle of medical career	Pharmacology	ME 0310 Basic Pharmacology II	16	2,00	II cycle	Yes, 1 or 2 along course and a final exam	Spanish	
7th cycle of medical career	Gynecology	ME 4013 Gynecology	16	6,00	I and II cycle	Yes, 1 or 2 along course and a final exam	spanish	
7th cycle of medical career	Obstetrics	ME 4012 Obstetrics	16	6,00	I and II cycle	Yes, 1 or 2 along course and a final exam	spanish	
7th cycle of medical career	Forensic medicine	ME 4014 Legal medicine	16	4,00	I cycle	Yes, 1 or 2 along course and a final exam	spanish	
8th cycle of medical career	Genetics	ME1009 Medical Genetics	16	2,00	II cycle	Yes, several along course and a final exam	spanish	
8th cycle of medical career	Pediatrics	ME 4015 Pediatrics	16	4,00	I and II cycle	Yes, several along course and a final exam	spanish	
8th cycle of medical career	Psychiatry	ME 4016 Psyquiarty	16	4,00	II cycle	Yes, several along course and a final exam	spanish	
9th cycle of medical career	Pharmacology	ME 0308 Clinical Pharmacology	16	1,00	I cycle	Yes, several along course and a final exam	spanish	
9th cycle of medical career	Toxicology	ME 0420 Clinical Toxicology	16	2,00	I cycle	Yes, several along course and a final exam	spanish	
9th cycle of medical career	Medicine	ME 5000 Internal Medicine II	16	12,00	I cycle	Yes, several along course and a final exam	spanish	
10th cycle of medical career	Pharmacology	ME0309 Clinical Pharmacology II	16	1,00	II cycle	Yes, several along course and a final exam	spanish	
10th cycle of medical career	Surgery	ME 5001 Surgery	16	12,00	II cycle	Yes, several along course and a final exam	spanish	

Master courses in the field of Health Sciences taught in my institution

Duration: Total program lasts 2.5 years. Courses last usually 16 weeks. Thesis Investigation can last longer.

Structure: total of 60 credits: 30 credits in courses and 30 credits in investigation.

Total No. of credits (specify for research phase): Thesis investigation has 3 courses with a total of 24 credits. Thesis presentation: 6 credits.

Requirements: go through a selection process which includes exams to determine student's level and an interview.

Start/End Acad I cycle starts in february and ends in july; II cycle starts in august and ends in december.

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
Advanced	Morphology	Structural and functional Histology	16	3,00	February-july	yes, several during course and final exam	spanish	
Advanced	Celular Physiology Investigation	Celular and Molecular biology	16	3,00	February-july	yes, several during course and final exam	spanish	
Advanced		Thesis Investigation I	16	6,00	February-july	no	spanish/English	
Advanced	Morphology	Topographic, radiologic Gross Anatomy with clinical integration	16	6,00	august-december	yes, several during course and final exam	spanish	
Advanced	Morphology	Neuroanatomy	16	2,00	august-december	yes, several during course and final exam	spanish	
Advanced	Investigation	Thesis investigation II	16	6,00	august-december	no	spanish/English	
Advanced		Seminar in Morphology	16	2,00	February-july; august-december	no	spanish	
Advanced	Morphology	Thesis investigation III	16	6,00	February-july	no	spanish/English	

Master courses in the field of Health Sciences taught in my institution

Duration: The complete program lasts 24 months; courses last a trimester. Thesis Investigation courses can last longer.

Structure: total of 62 credits: 44 credits in courses and 18 credits in investigation.

Total No. of credits (specify for research phase): Thesis investigation has 3 courses with a total of 12 credits. Thesis presentation: 6 credits.

Requirements: go through a selection process which includes exams to determine student's level and an interview.

Start/End Academic Courses are given on a trimestral basis starting 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
Advanced	Statistics	Statistics	12	4,00	august-october	Yes. Several along course and a final exam	spanish	
Advanced	Epidemiology	Epidemiology	12	4,00	august-october	Yes. Several along course and a final exam	spanish	
Advanced	Demography	Demography	12	3,00	august-october	Yes. Several along course and a final exam	spanish	
Advanced	Public Health	Health and Society	12	4,00	august-october	Yes. Several along course and a final exam	spanish	
Advanced	Investigation in Public Health	Investigation workshop I	12	4,00	august-october	no	spanish	
Advanced	Management	Health Services Management	12	4,00	November-january	Yes. Several along course and a final exam	spanish	
Advanced	Investigation in Public Health	Investigation workshop II	12	4,00	November-january	no	spanish	
Advanced	Economics	Health Economics	12	3,00	November-january	Yes. Several along course and a final exam	spanish	
Advanced	Information Systems	Health Information Systems	12	3,00	November-january	Yes. Several along course and a final exam	spanish	
Advanced	Epidemiology	Advanced Epidemiology	12	3,00	November-january	Yes. Several along course and a final exam	spanish	
Advanced	Public Health	Health of women, children and adolescents	12	3,00	November-january	Yes. Several along course and a final exam	spanish	
Advanced	Public Health	Ecology and Human Health	12	2,00	february-april	Yes. Several along course and a final exam	spanish	
Advanced	Public Health	Workshop in Human resources and public health	12	3,00	february-april	no	spanish	
Advanced	Public Health	Contemporary Problems in Public Health	12	4,00	May- july	Yes. Several along course and a final exam	spanish	
Advanced	Public Health	Analysis of Health Policies	12	4,00	May- july	Yes. Several along course and a final exam	spanish	
Advanced	Investigation in Public Health	Investigation workshop III	12	4,00	May- july	no	spanish	
Advanced	Thesis	Thesis	12	6,00	august-october	Thesis presentation	spanish	

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<http://sep.biologia.ucr.ac.cr/infogeneral.html> teaching staff: <http://sep.biologia.ucr.ac.cr/profesores.html> institutes: <http://sep.biologia.ucr.ac.cr/unidades.html>

Master courses in the field of Health Sciences taught in my institution

Duration: The complete program lasts 2 years; courses last 16 weeks. Thesis Investigation courses can last longer. Student must dedicate full time.

Structure: total of 60 credits: 30 credits in courses and 30 credits in investigation.

Total No. of credits (specify for research phase): Thesis investigation has 30 credits

Requirements: go through a selection process which includes exams to determine student's level and an interview.

Start/End Academic cycle starts in february and ends in june; II cycle starts in august and ends in november.

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
Advanced	Genetics	SP-0029 Molecular genetics	16	3,00	march-june	Yes, 1 or 2 during the course and a final exam.	spanish	
Advanced	Biochemistry	SP-4919 Cellular and Molecular Biochemistry	16	6,00	march-june	Yes, 1 or 2 during the course and a final exam.	spanish	
Advanced	Genetics	SP-0937 Population Genetics	16	4,00	march-june	Yes, 1 or 2 during the course and a final exam.	spanish	
Advanced	Genetics	2 SP-0904 Postgraduate seminar	16	2,00	march-june	No	spanish	
Advanced	Genetics	SP-0953 Human Cytogenetics I	16	4,00	july-november	Yes, 1 or 2 during the course and a final exam.	spanish	
Advanced	Genetics	SP-0917 Human Genetics	16	4,00	july-november	Yes, 1 or 2 during the course and a final exam.	spanish	
Advanced	Epidemiology	SP-0902 Genetic epidemiology	16	4,00	july-november	Yes, 1 or 2 during the course and a final exam.	spanish	
Advanced		SP- optional	16	3,00	july-november	Depends on course	spanish	
Advanced		SP0904 Postgraduate seminar	16	1,00	july-november	No	spanish	

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<http://www.sep.ucr.ac.cr/MaestriasAcademicas/CBiomedicas/BioquimFisiolCelular/index.html> <http://www.sep.ucr.ac.cr/MaestriasAcademicas/CBiomedicas/Farmacologia/index.html> <http://www.sep.ucr.ac.cr/MaestriasAcademicas/CBiom>

Master courses in the field of Health Sciences taught in my institution

Duration: The complete program lasts 2.5 years; courses last usually 16 weeks. Thesis Investigation courses can last longer.

Structure: total of 60 credits: 30 credits in courses and 30 credits in investigation. Student can choose from a program in biochemistry and cellular physiology, pharmacology or systems physiology.

Total No. of credits (specify for research phase): Thesis investigation has 3 courses with a total of 24 credits. Thesis presentation: 6 credits.

Requirements: go through a selection process which includes exams to determine student's level and an interview.

Start/End Academic cycle I cycle starts in february and ends in july; II cycle starts in august and ends in december 1.

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
Advanced	Systems Physiology	SP 4813 Intermediate Physiology I	16	4,00	august-december (II cycle)	Yes. Several along course and a final exam	spanish	Classes are in spanish. References are in english.
Advanced	Systems Physiology	SP 4822 Intermediate Physiology II	16	4,00	march-july (I cycle)	Yes. Several along course and a final exam	spanish	
Advanced	Systems Physiology	SP 4812 Physiology seminar	16	1,00	I an II cycle	no	spanish	Students present reviews of actuality themes.
Advanced	Statistics	SP 0069 Methods in Biostatistics	16	3,00	I an II cycle	Yes. Several along course and a final exam	spanish	
Advanced	Biochemistry	SP 4913 Laboratory methods in Biochemistry	16	2,00	I an II cycle	no	spanish	
Advanced	Biochemistry	SP 4919 Cellular and Molecular Biochemistry	16	5,00	I cycle	Yes. Several along course and a final exam	spanish	
Advanced	Biochemistry	SP 4906 Biochemistry seminar	16	1,00	I an II cycle	no	spanish	Students present reviews of actuality themes.
Advanced	Ethics	Bioethics	16	1,00	I cycle	Yes. Several along course and a final exam	spanish	
Advanced	Biochemistry	SP 4920 Advanced Biochemistry	16	4,00	II cycle	Yes. Several along course and a final exam	spanish	
Advanced	Immunology	SP 0047 General Immunology	16	4,00	II cycle	Yes. Several along course and a final exam	spanish	
Advanced	Thesis investigation	SP 4916 Thesis investigation I	16-20	6,00	I an II cycle	No	spanish/english	Students work on their thesis investigation in different linstituts and laboratories.
Advanced	Thesis investigation	SP 4917 Thesis investigation II	16-20	6,00	I an II cycle	no	spanish/english	Students work on their thesis investigation in different linstituts and laboratories.
Advanced	Thesis investigation	SP 4918 Thesis investigation III	16-20	12,00	I an II cycle	no	spanish/english	Students work on their thesis investigation in different linstituts and laboratories.
Advanced	Pharmacology	SP 5007 Pharmacology seminar	16	1,00	I an II cycle	no	spanish	Students present reviews of actuality themes.
Advanced	Pharmacology	SP 5003 Intermediate Pharmacology I	16	4,00	I cycle	Yes. Several along course and a final exam	spanish	
Advanced	Pharmacology	SP 5004 Intermediate Pharmacology II		4,00	II cycle	Yes. Several along course and a final exam	spanish	
Advanced	Pharmacology	SP 5011 Principles of Pharmacokinetics	16	3,00	II cycle	Yes. Several along course and a final exam	spanish	
Advanced	Pharmacology	SP 5015 Clinical Pharmacology Investigation methods	16	4,00	II cycle	Yes. Several along course and a final exam	spanish	
Advanced	Genetics	SP 0029 Molecular Genetics	16	3,00	I an II cycle			

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Academic staff: visit <http://www.posmicro.ucr.ac.cr/doctorado/Profesores.html>

PhD courses in the field of Health Sciences taught in my institution

Duration: Total program lasts minimum 2 years, maximum 6 years. Student must have ideally full time dedication.

Structure: students can take courses on a semestral basis starting in march and in august. Main emphasis is on investigation.

Total No. of credits (specify for research phase): total number of credits is a minimum of 40. Maximum 16 credits are in courses. 2 doctoral seminars (4 credits each), movility to a research facility outside Costa Rica for at least one semester (10 credits); four thesis investigation courses (4 credits each); publish at least 3 scientific papers in recognized journals; defend thesis (10 credits)

Requirements: have a Masters degree, full time dedication, disponibility for movility outside Costa Rica for a 6 month rotation at a laboratory for investigation, English proficiency, present a research project and have a tutor that has aproved project.

Start/End Academic period: starts in march and ends in december.

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
Advanced	Investigation	Doctoral Seminars	16	4,00	starting in march and august	no	spanish/english	Analysis and discussion of pertinent themes. Carry on research project. Publish at least three articles in recognized journals.
Advanced	Investigation	Thesis investigation I	16	4,00	starting in march and august	no	spanish/english	Carry on research project. Publish at least three articles in recognized journals.
Advanced	Investigation	Thesis investigation II	16	4,00	starting in march and august	no	spanish/english	Carry on research project. Publish at least three articles in recognized journals.
Advanced	Investigation	Thesis investigation III	16	4,00	starting in march and august	no	spanish/english	Carry on research project. Publish at least three articles in recognized journals.
Advanced	Investigation	Thesis investigation IV	16	4,00	starting in march and august	no	spanish/english	Carry on research project. Publish at least three articles in recognized journals.

The program receives collaboration from all the laboratories and institutes of the Universidad de Costa Rica

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Academic staff visit: <http://www.posmicro.ucr.ac.cr/doctorado/Graduados.html>

Post-doc courses in the field of Health Sciences taught in my institution

Duration: duration of movility is variable. It depends on personal negotiations with individual investigators of the different institutes.

Structure: students can come to the investigation institutes of our University and stay collaborating in the investigations carried on in them.

Total No. of credits (specify for research phase)

Requirements: have a PhD.

Start/End Academic period: very flexible depending on receiving tutor. Best between january and november.

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Academic staff courses in the field of Health Sciences taught in my institution

We do not have a specific program of courses for the academic staff in health sciences.

Staff can always take advantage of all the courses offered in the Master Programs and PhD program.