ANATOMY AND PHYSIOLOGY, TESTAMUR MAJOR (T084)

Western Sydney University Major Code: T084

Previous Code: MT3028.1

Available to students in other Western Sydney University programs? No

This testamur major is available as an elective major for Bachelor of Medical Science students only.

This major focuses on human anatomy and physiology in relation to health and disease. You will develop detailed knowledge of how the human body functions, as well as practical skills. Your strong foundation in this discipline area will provide career opportunities in medical research, hospital pathology or medical imaging laboratories, pharmaceutical, medical sales, allied health companies, research and quality control laboratories, or further education, including graduate medicine degrees. Employment can be in other non-scientific areas such as insurance, government, law or publishing where science knowledge is valued. A variety of minors or free electives allow students to design their own learning journey.

All students must complete 60 credit points of study at Level 3 to meet program requirements.

NOTE: Students up to end of 2023 - Students will need to select at least 10 credit points of elective study at Level 3 to meet this requirement.

Location

Campus	Mode	Advice
Campbelltown Campus	Internal	science@westernsydney.edu.au
Parramatta Campus - Victoria Road	Internal	science@westernsydney.e

Recommended Sequence Current

All students must complete 60 credit points of study at Level 3 to meet course requirements. Students will need to select at least 10 credit points of elective study at Level 3 to meet this requirement.

Select the link for your program below to see details of the major

Bachelor of Medical Science

Qualification for the award of Bachelor of Medical Science with a Major in Anatomy and Physiology requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
NATS 1009	Human Anatomy and Physiology 1	10
Choose one of		10
MATH 1014	Mathematics 1A	
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
	Credit Points	**40**
Spring session		
BIOS 1012	Cell Biology	10
CHEM 1012	Essential Chemistry	10
NATS 1010	Human Anatomy and Physiology 2	10
Choose one elective		10
	Credit Points	**40**
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
Choose one elective		10
	Credit Points	**40**
Spring session		
NATS 3054	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
Choose one of		10
NATS 3044	Complex Case Studies in Science	
NATS 3045	Work Internship for Science Professionals	
Choose one elective		10
	Credit Points	**40**
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	**10**
Autumn session		
Choose three electives		30
	Credit Points	**30**
Spring session		
BIOS 3028	Pathological Basis of Human Disease	10
NATS 3046	Advanced Physiology	10
Choose two electives		20
	Credit Points	**40**
	Total Credit Points	**240**

Bachelor of Advanced Medical Science

Qualification for the award of Bachelor of Advanced Medical Science with a Major in Anatomy and Physiology requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
NATS 1009	Human Anatomy and Physiology 1	10
Choose one of		10
MATH 1014	Mathematics 1A	
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
	Credit Points	**40**
Spring session		
BIOS 1012	Cell Biology	10
CHEM 1012	Essential Chemistry	10
NATS 1010	Human Anatomy and Physiology 2	10
Choose one elective		10
	Credit Points	**40**

Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
NATS 2001	Advanced Science Project A	10
	Credit Points	**40**
Spring session		
NATS 3054	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
NATS 2002	Advanced Science Project B	10
Choose one of		10
NATS 3044	Complex Case Studies in Science	
NATS 3045	Work Internship for Science Professionals	
	Credit Points	**40**
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	**10**
Autumn session		
NATS 3043	Advanced Science Research Project C	10
Choose two electives		20
	Credit Points	**30**
Spring session		
NATS 3046	Advanced Physiology	10
BIOS 3028	Pathological Basis of Human Disease	10
NATS 3043	Advanced Science Research Project C	10
Choose one elective		10
	Credit Points	**40**
	Total Credit Points	**240**

Diploma in Science/Bachelor of Medical Science

Qualification for this award with a Major in Anatomy and Physiology requires the successful completion of 250 credit points as per the recommended sequence below.

Subject	Title	Credit Points
Year 1: College subjects		
Standard 3-terms year		
Preparatory subject		
CHEM 0001	Chemistry (WSTC Prep)	10
And eight university-level subjects comprising:		
BIOS 1014	Cell Biology (WSTC)	10
CHEM 1013	Essential Chemistry (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
NATS 1009	Human Anatomy and Physiology 1	10
NATS 1010	Human Anatomy and Physiology 2	10
BIOS 1003	Biodiversity (WSTC)	10
Total Credit Points		**90**

Course	Title	Credit Points
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
Choose one elective		10
	Credit Points	**40**
Spring session		
NATS 3054	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
Choose one of		10
NATS 3044	Complex Case Studies in Science	
NATS 3045	Work Internship for Science Professionals	
Choose one elective		10
	Credit Points	**40**
Year 3		
1H session		
NATS 3055	Practicum 1	10
	Credit Points	**10**
Autumn session		
Choose three elective subjects		30
	Credit Points	**30**
Spring session		
BIOS 3028	Pathological Basis of Human Disease	10
NATS 3046	Advanced Physiology	10
Choose two electives		20
	Credit Points	**40**
	Total Credit Points	**160**

Recommended Sequence 2023

All students must complete 60 credit points of study at Level 3 to meet course requirements. Students will need to select at least 10 credit points of elective study at Level 3 to meet this requirement.

Select the link for your program below to see details of the major

Bachelor of Medical Science

Qualification for the award of Bachelor of Medical Science with a Major in Anatomy and Physiology requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
NATS 1009	Human Anatomy and Physiology 1	10
Choose one of		10
MATH 1014	Mathematics 1A	
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
	Credit Points	**40**
Spring session		
BIOS 1012	Cell Biology	10
CHEM 1012	Essential Chemistry	10

NATS 1010	Human Anatomy and Physiology 2	10
Choose one elective		10
	Credit Points	**40**
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
Choose one elective		10
	Credit Points	**40**
Spring session		
NATS 2035	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
Choose one of		10
NATS 3044	Complex Case Studies in Science	
NATS 3045	Work Internship for Science Professionals	
Choose one elective		10
	Credit Points	**40**
Year 3		
Autumn session		
NATS 3040	Topics in Medical Science	10
Choose three electives		30
	Credit Points	**40**
Spring session		
BIOS 3028	Pathological Basis of Human Disease	10
NATS 3046	Advanced Physiology	10
Choose two electives		20
	Credit Points	**40**
	Total Credit Points	**240**

Equivalent subject

The following subject counts towards completion of this Major for students who passed this subject in 2019 or earlier.

BIOS 3002 - Advanced Physiology

Bachelor of Advanced Medical Science

Qualification for the award of Bachelor of Advanced Medical Science with a Major in Anatomy and Physiology requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
NATS 1009	Human Anatomy and Physiology 1	10
Choose one of		10
MATH 1014	Mathematics 1A	
MATH 1026	Quantitative Thinking	
MATH 1003	Biometry	
	Credit Points	**40**
Spring session		
BIOS 1012	Cell Biology	10
CHEM 1012	Essential Chemistry	10
NATS 1010	Human Anatomy and Physiology 2	10
Choose one elective		10
	Credit Points	**40**
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
NATS 2001	Advanced Science Project A	10
	Credit Points	**40**
Spring session		
NATS 2035	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
NATS 2002	Advanced Science Project B	10
Choose one of		10
NATS 3044	Complex Case Studies in Science	
NATS 3045	Work Internship for Science Professionals	
	Credit Points	**40**
Year 3		
Autumn session		
NATS 3040	Topics in Medical Science	10
NATS 3043	Advanced Science Research Project C	10
Choose two electives		20
	Credit Points	**40**
Spring session		
NATS 3046	Advanced Physiology	10
BIOS 3028	Pathological Basis of Human Disease	10
NATS 3043	Advanced Science Research Project C	10
Choose one elective		10
	Credit Points	**40**
	Total Credit Points	**240**

Equivalent subject

The following subject counts towards completion of this Major for students who passed this subject in 2019 or earlier.

BIOS 3002 - Advanced Physiology

Diploma in Science/Bachelor of Medical Science

Qualification for this award with a Major in Anatomy and Physiology requires the successful completion of 250 credit points as per the recommended sequence below.

Subject	Title	Credit Points
Year 1: College subjects		
Standard 3-terms year		
Preparatory subject		
CHEM 0001	Chemistry (WSTC Prep)	10
And eight university-level subjects comprising:		
BIOS 1014	Cell Biology (WSTC)	10
CHEM 1013	Essential Chemistry (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
NATS 1009	Human Anatomy and Physiology 1	10
NATS 1010	Human Anatomy and Physiology 2	10
BIOS 1003	Biodiversity (WSTC)	10
Total Credit Points		**90**

Course	Title	Credit Points
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
Select one elective		10
	Credit Points	**40**
Spring session		
NATS 2035	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
NATS 3044	Complex Case Studies in Science	10
Select one elective		10
	Credit Points	**40**
Year 3		
Autumn session		
NATS 3040	Topics in Medical Science	10
NATS 3046	Advanced Physiology	10
Select two electives		20
	Credit Points	**40**
Spring session		
BIOS 3028	Pathological Basis of Human Disease	10
Select two elective		20
	Credit Points	**30**
	Total Credit Points	**150**

Equivalent subject

The following subject counts towards completion of this Major for students who passed this subject in 2019 or earlier.

BIOS 3002 - Advanced Physiology

Recommended Sequence 2022

All students must complete 60 credit points of study at Level 3 to meet course requirements. Students will need to select at least 10 credit points of elective study at Level 3 to meet this requirement.

Select the link for your program below to see details of the major

Bachelor of Medical Science

Qualification for the award of Bachelor of Medical Science with a Major in Anatomy and Physiology requires the successful completion of 240 credit points as per the recommended sequence below.

Course	Title	Credit Points
Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
NATS 1009	Human Anatomy and Physiology 1	10
	Credit Points	**40**
Spring session		
BIOS 1012	Cell Biology	10
NATS 1010	Human Anatomy and Physiology 2	10
MATH 1014	Mathematics 1A	10
MATH 1026	Quantitative Thinking	10
Choose one elective		10
	Credit Points	**50**
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
Choose one elective		10
	Credit Points	**40**
Spring session		
NATS 2035	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
NATS 3044	Complex Case Studies in Science	
Choose one elective		10
	Credit Points	**30**
Year 3		
Autumn session		
NATS 3040	Topics in Medical Science	10
NATS 3046	Advanced Physiology	10
Choose two electives		20
	Credit Points	**40**
Spring session		
BIOS 3028	Pathological Basis of Human Disease	10
Choose three electives		30
	Credit Points	**40**
	Total Credit Points	**240**

Equivalent subject

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BIOS 3002 - Advanced Physiology

Bachelor of Advanced Medical Science

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Year 1		
Autumn session		
NATS 1019	Scientific Literacy	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
NATS 1009	Human Anatomy and Physiology 1	10
	Credit Points	**40**
Spring session		
BIOS 1012	Cell Biology	10
NATS 1010	Human Anatomy and Physiology 2	10
MATH 1014	Mathematics 1A	10
MATH 1026	Quantitative Thinking	10
Choose one elective		10
	Credit Points	**50**

Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
NATS 2001	Advanced Science Project A	10
	Credit Points	**40**
Spring session		
NATS 2035	Human Systems Physiology 2	10
NATS 2002	Advanced Science Project B	10
NATS 3044	Complex Case Studies in Science	
Choose one elective		10
	Credit Points	**30**
Year 3		
Autumn session		
NATS 3040	Topics in Medical Science	10
NATS 3043	Advanced Science Research Project C	10
Choose two electives		20
	Credit Points	**40**
Spring session		
NATS 3046	Advanced Physiology	10
BIOS 3028	Pathological Basis of Human Disease	10
NATS 3043	Advanced Science Research Project C	10
Choose one elective		10
	Credit Points	**40**
	Total Credit Points	**240**

Equivalent subject

The following subject counts towards completion of this Major for students who passed this subject in 2019 or earlier.

BIOS 3002 - Advanced Physiology

Diploma in Science/Bachelor of Medical Science

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NATS 1020	Scientific Literacy (WSTC)	10
MATH 1027	Quantitative Thinking (WSTC)	10
CHEM 1009	Introductory Chemistry (WSTC)	10
NATS 1009	Human Anatomy and Physiology 1	10
NATS 1010	Human Anatomy and Physiology 2	10
BIOS 1003	Biodiversity (WSTC)	10
Total Credit Points		**90**

Course	Title	Credit Points
Year 2		
Autumn session		
BIOS 2042	Biochemistry	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
NATS 2034	Human Systems Physiology 1	10
Select one elective		10
	Credit Points	**40**
Spring session		
NATS 2035	Human Systems Physiology 2	10
NATS 3037	Neuroanatomy	10
NATS 3044	Complex Case Studies in Science	10
Select one elective		10
	Credit Points	**40**
Year 3		
Autumn session		
NATS 3040	Topics in Medical Science	10
NATS 3046	Advanced Physiology	10
Select two electives		20
	Credit Points	**40**
Spring session		
BIOS 3028	Pathological Basis of Human Disease	10
Select two elective		20
	Credit Points	**30**
	Total Credit Points	**150**

Equivalent subject

The following subject counts towards completion of this Major for students who passed this subject in 2019 or earlier.

BIOS 3002 - Advanced Physiology

Related Programs

Bachelor of Advanced Medical Science (3758) (https://hbook.westernsydney.edu.au/programs/bachelor-advanced-medical-science/)

Bachelor of Medical Science (3755) (https://hbook.westernsydney.edu.au/programs/bachelor-medical-science/)

Diploma in Science/Bachelor of Medical Science (6042) (https://hbook.westernsydney.edu.au/programs/diploma-science-bachelor-medical-science/)