COURSE DELIVERY PLAN 2024

Bachelor of Biomedical and Exercise Science COURSE CODE: HBES

| CAMPUS | Footscray Park (FP) and St Albans (SA) |
|------------------------|--|
| COLLEGE | College of Sport, Health and Engineering |
| STUDY MODE | Full Time or Part Time |
| DURATION | 3 years Full Time or Part Time equivalent |
| FEE TYPE | For information on course fees, refer to http://vu.edu.au/fees |
| APPLICATION METHOD | VTAC - https://vtac.edu.au Direct Application - https://gotovu.custhelp.com/app/landing |
| TIMETABLE | vu.edu.au/timetables |
| COURSE REQUIREMENTS | To attain the Bachelor of Biomedical and Exercise Science students will be required to complete 288 credit points consisting of: • 96 credit points of First Year Core studies; • 192 credit points of remaining Core studies. |
| FURTHER INFORMATION | Unit and course information is available from the University course search site at http://vu.edu.au/course-search or go to https://askvu.vu.edu.au or Phone VUHQ on 03 9919 6100 |
| COURSE CHAIR | Xu Yan |
| COURSE ADVICE | AskVU https://askvu.vu.edu.au/app/askcua |

Note: Students are required to enrol in all units for semester 1 and 2, and are not permitted to enrol in more than 48 credit points per semester as a full-time load.

Core/Elective Core (a unit that must be completed) & Elective (you have some choice in what you select).

Prerequisites A number of units within the degree have 'prerequisites'. These prerequisites must be met before enrolment in the unit is permitted. Generally these prerequisites require the successful completion of a unit or units taken at an earlier stage in the course. Students should pay particular attention to these prerequisite requirements as failure to meet these can seriously hinder progression through the course.

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YEAR 1

| UNIT CODE | UNIT TITLE | UNIT TYPE | SEM | CREDIT POINTS | CAMPUS | PRE-REQUISITES |
|--------------|---------------------------------|--------------|--|---------------|--------|----------------|
| SCL1003 | Exercise and Sport Psychology | Core | 1B1, 1B2, 1B3, 2B1 | 12 | FP | |
| RBM1518 | Human Physiology 1 | Core | 1B2, 1B3, 1B4, WB1 | 12 | FP | |
| | | | 1B2, 1B3, 1B4 | | SA | |
| RBM1100 | Functional Anatomy of the Trunk | Core | 1B2, 1B3, 1B4 | 12 | SA | |
| AHE1202 | Biomechanics | Core | 1B2, 1B3, 1B4, 2B1, 2B2, 2B3, 2B4 | 12 | FP | |
| | | | | | | |
| RCS1601 | Chemistry 1A | Core | 1B2, 1B3, 1B4, 2B1 | 12 | FP, SA | |
| RBM1528 | Human Physiology 2 | Core | 2B1, 2B2, 2B3, 2B4 | 12 | FP | RBM1518 |
| | | | 1B4, 2B2, 2B3, 2B4 | | SA | |
| RBM1200 | Functional Anatomy of the Limbs | Core | 2B1, 2B2, 2B3, 2B4 | 12 | SA | |
| RCS1602 | Chemistry 1B | Core | 2B2, 2B3, 2B4 | 12 | FP | RCS1601 |
| | | | 2B2, 2B4 | | SA | |

YEAR 2

| UNIT CODE | UNIT TITLE | UNIT TYPE | SEM | CREDIT POINTS | CAMPUS | PRE-REQUISITES |
|--------------|--|--------------|-------------------------------|---------------|--------|--|
| RBM2560 | Medical Biochemistry | Core | 1B1, 1B2, 1B3, 1B4, 2B2 | 12 | FP | RBM1528; or RBF1310; and RCS1602 |
| RBM2100 | Rehabilitation Anatomy | Core | 1B1, 1B2, 1B3, 1B4 | 12 | SA | RBM1200; or AHE1101; and AHE2202 |
| RBM2530 | Pathophysiology 1 | Core | 1B1, 1B3, 1B4 | 12 | FP | RBM1518, RBM1528 |
| AHE2006 | Exercise Interventions for Healthy Populations | Core | 1B2, 1B3, 1B4, SB1 | 12 | FP | SCL1002; or RBM1528 |



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| AHE2127 | Motor Learning | Core | 1B1, 1B2, 1B3, 2B1, 2B2, 2B3, SB1, WB1 | 12 | FP | |
|---------|--|------|---|----|----|---------------------|
| RBM2800 | Cardiorespiratory and Renal Physiology | Core | 2B2 | 12 | FP | RBM1528 |
| | | | 2B3 | | SA | |
| AHE2102 | Sports Biomechanics | Core | 2B3, 2B4 | 12 | FP | AHE1202; or NEF1102 |
| RBM2540 | Pathophysiology 2 | Core | 2B2, 2B3, 2B4 | 12 | FP | RBM2530 |

YEAR 3

| UNIT CODE | UNIT TITLE | UNIT Type | SEM | CREDIT POINTS | CAMPUS | PRE-REQUISITES |
|--------------|--|--------------|-----------------------|---------------|--------|------------------------|
| HBM3104 | Exercise Is Medicine | Core | 1B1, 1B2 | 12 | FP | RBM2560, RBM2800 |
| RBM3264 | Advanced Nerve and Muscle Physiology | Core | 1B1, 1B2, 1B3 | 12 | SA | RBM2800 |
| AHE3100 | Advanced Exercise Physiology | Core | 1B1, 1B2, 1B3, 2B3 | 12 | FP | SCL1002; or RBM1528 |
| HBM3101 | Research Methods | Core | 1B2, 1B3, 1B4 | 12 | FP | |
| | | | | | | |
| HBM3105 | Research Project | Core | 2B1, 2B2, WB1 | 12 | SA | HBM3101 |
| SCL3003 | Corrective Exercise Prescription and Injury Management | Core | 2B1, 2B2 | 12 | FP | AHE2006 |
| AHE3126 | Motor Control | Core | 2B1, 2B2, 2B3, WB1 | 12 | FP | |
| RBM3265 | Exercise Biochemistry and Integrated Metabolism | Core | 2B3, 2B4 | 12 | FP | RBM2560 |
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