

ECTS COURSE DESCRIPTION FORM

PART I (Senate Approval)

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|--------------------------|---|---|-------------|---------------------|-------------------------------------|--------------------------|--|
| Offering School | Antalya Bilim University | | | Offering Department | Physical Therapy and Rehabilitation | | |
| Program(s) Offered to | Physical Therapy and Rehabilitation | <input type="checkbox"/> | | | | <input type="checkbox"/> | |
| | | <input type="checkbox"/> | | | | <input type="checkbox"/> | |
| | | <input type="checkbox"/> | | | | <input type="checkbox"/> | |
| Course Name | Physiology II (Compulsory) | | | Course Code | FTR 120 | | |
| Level of Course | Undergraduate | | | Type of Course | Theoric, Pratical | | |
| Language of Instruction | Turkish | | | ECTS Credits | 4 | | |
| Hours per Week | Lecture: | 2 | Practical: | 1 | Studio: | | |
| | Laboratory: | | Recitation: | | Other: | | |
| Pre-requisites | None | | | Co-requisites | None | | |
| Registration Restriction | None | | | Grading Mode | Letter Grade | | |
| Educational Objective | The main objective of the course is to ensure that students getting basic knowledge of medical physiology topics then to use this information in order to master in literature and preparing lectures, seminars, manuscripts and research planning. | | | | | | |
| Course Description | Defines respiration, digestion, energy and metabolism, excretion and endocrine, sensory and blood physiology. | | | | | | |
| Learning Outcomes | LO1 | To have basic knowledge of respiratory physiology | | | | | |
| | LO2 | To have basic knowledge of digestion physiology | | | | | |
| | LO3 | To have basic knowledge of energy metabolism and physiology | | | | | |
| | LO4 | To have basic knowledge of excretory and endocrine physiology | | | | | |
| | LO5 | To have basic knowledge of sensory physiology | | | | | |
| | LO6 | To have basic knowledge of blood physiology | | | | | |
| | LO7 | | | | | | |

PART II (Faculty Board Approval)

| | | Program Outcomes | LO1 | LO2 | LO3 | LO4 | LO5 | LO6 | LO7 |
|-------------------------------------|------|---|-----|-----|-----|-----|-----|-----|-----|
| Basic Outcomes (University-wide) | PO1 | Ability to communicate effectively and write and present a report in Turkish and English. | | | | | | | |
| | PO2 | Ability to work individually, and in intra-disciplinary and multi-disciplinary teams. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO3 | Recognition of the need for life-long learning and ability to access information , follow developments in science and technology, and continually reinvent oneself. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO4 | Knowledge of project management, risk management, innovation and change management, entrepreneurship, and sustainable development. | | | | | | | |
| | PO5 | Awareness of sectors and ability to prepare a business plan. | | | | | | | |
| | PO6 | Understanding of professional and ethical responsibility and demonstrating ethical behavior. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Faculty Specific Outcomes | PO7 | Having universal thoughts and values | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO8 | To be committed to academic and ethical values | | | | | | | |
| | PO9 | To provide qualified education, research and consultancy services at universal information and technology standards | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO10 | To be open to new goals, strategies and action plans that will take undergraduate and graduate education / training programs and scientific studies further | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO11 | To support, maintain and increase interdisciplinary / multidisciplinary studies in the services provided. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO12 | To contribute and develop health policies for the benefit of the country. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Program Specific Outcomes | PO13 | Explains the theoretical knowledge about basic medicine and clinical sciences with the main lines and relates them to physiotherapy. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO14 | Applies Physiotherapy and Rehabilitation assessment methods, analyzes and interprets theoretical knowledge by associating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO15 | Plans and implements the individual physiotherapy and rehabilitation program | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO16 | Records and archives assessment and treatment data | | | | | | | |
| | PO17 | Plans, conducts and presents a scientific research | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO18 | Has effective communication skills | | | | | | | |
| | PO19 | Defines professional duties and responsibilities legally and applies them within the framework of ethical principles. | | | | | | | |
| | PO20 | Has lifelong learning skills related to the profession | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | PO21 | Can use foreign language effectively to follow professional developments | | | | | | | |
| | PO22 | Knows and applies quality, occupational health and safety issues related to the profession | | | | | | | |

PART III (Department Board Approval)

| Course Contents, Contribution of Course Contents to Learning Outcomes, and Methods for Assessing Learning of Course Contents | Subject | Week | Details of Course Contents | LO1 | LO2 | LO3 | LO4 | LO5 | LO6 | LO7 |
|--|---------|------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| | S1 | 1 | Respiration physiology | A1/A4 |
| | S2 | 2 | Respiration physiology | A1/A4 |
| | S3 | 3 | Digestion physiology | A1/A4 |
| | S4 | 4 | Energy metabolism and physiology | A1/A4 |
| | S5 | 5 | Energy metabolism and physiology | A1/A4 |
| | S6 | 6 | Excretory physiology | A1/A4 |
| | S7 | 7 | Excretory physiology | A1/A4 |
| | S8 | 8 | Midterm Exam Week | A1/A4 |
| | S9 | 9 | Endocrin physiology | A1/A4 |
| | S10 | 10 | Endocrin physiology | A1/A4 |
| | S11 | 11 | Blood physiology | A1/A4 |
| | S12 | 12 | Blood physiology | A1/A4 |
| | S13 | 13 | Sensory physiology | A1/A4 |
| | S14 | 14 | Discussion | A1/A4 |

| Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules | No | Type | Weight | Implementation Rule | Make-Up Rule |
|---|----|--------------------------------|-------------|--|---------------------------------------|
| | A1 | Exam-Final Jury, Final Project | 60% | One final exam is applied. Exam dates are announced by the faculty. | ABU's relevant regulation is applied. |
| | A2 | Quiz | | | |
| | A3 | Homework | | | |
| | A4 | Midterm | 40% | 1 midterm exam (visa) is applied. Exam dates are announced by the faculty. | ABU's relevant regulation is applied. |
| | A5 | Project | | | |
| | A6 | Presentation | | | |
| | A7 | Attendance/Interaction | | | |
| | A8 | Class/Lab./ | | | |
| | A9 | Others | | | |
| TOTAL | | | 100% | | |

Evidence of Achievement of Learning Outcomes At least one question from each subject is asked during the exams. A weighted average is calculated for each student based on the percentage of each assessment method. Students are required to collect a minimum score over 100, which is announced by the instructor, to pass the course. This score is determined based on class average.

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|-------------------------------------|---|-------------------------------------|--|--------------------------|--------------------------|
| Method for Determining Letter Grade | Direct Conversion System ("DDS" in the regulation.) | <input checked="" type="checkbox"/> | Relative Evaluation ("BDS" in the regulation.) | <input type="checkbox"/> | |
| | A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below) | | | | <input type="checkbox"/> |
| | | Success Grade Range | Letter Success Note | Success Coefficient | Success Assessment |
| | 95-100 | A+ | 4,00 | Successful | |
| | 85-94 | A | 4,00 | Successful | |
| | 80-84 | A- | 3,70 | Successful | |
| | 75-79 | B+ | 3,30 | Successful | |
| | 70-74 | B | 3,00 | Successful | |
| | 65-74 | B- | 2,70 | Successful | |
| | 60-64 | C+ | 2,30 | Successful | |
| | 55-59 | C | 2,00 | Successful | |
| | 50-54 | C- | 1,70 | Passes | |
| | 45-49 | D+ | 1,30 | Unsuccessful | |
| | 40-44 | D | 1,00 | Unsuccessful | |
| | 0-39 | F | 0 | Unsuccessful | |

| Teaching Methods, Student Work Load | No | Method | Explanation | Total Hours | | | |
|-------------------------------------|--|---------------------------------------|---|-------------|----------|--------------------|------------|
| | Time expected to be allocated by instructor | | | | | | |
| | 1 | Lecture | Lesson topics are explained by writing on the board or with a computer presentation. Sample questions are solved during the lesson. | 42 | | | |
| | 2 | Interactive Lecture | | | | | |
| | 3 | Recitation | | | | | |
| | 4 | Laboratory | | | | | |
| | 5 | Practical | It includes lectures made by showing with applications. | 14 | | | |
| | 6 | Field Work | | | | | |
| | Time expected to be allocated by student | | | | | | |
| | 7 | Project | | | | | |
| | 8 | Homework | | | | | |
| | 9 | Pre-class Learning of Course Material | New topics are learned before being taught in the classroom. | 14 | | | |
| | 10 | Review of Course Material | Topics are repeated to prepare for exams and assignments. | 56 | | | |
| 11 | Studio | | | | | | |
| 12 | Office Hour | One-on-one meeting with the lecturer | | | | | |
| Calculated ECTS Credit(s) | | Max. | 5 | Min. | 4 | Grand Total | 126 |

IV. PART

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|-------------------------|-----------------------------------|---|
| Instructor | Name Surname | |
| | E-mail | |
| | Phone Number | |
| | Office Number | |
| | Office Hours | |
| Course Materials | Mandatory | |
| | Recommended | Guyton,Hall. Tibbi Fizyoloji Nobel Tıp Kitabevi 12. Baskı 2013 Ganong. Review of Medical Physiology 2014 Erdal Ađar, Tibbi Fizyoloji (İstanbul: İstanbul Tıp Kitabevleri, 2017) |
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| | | |
| Other | Scholastic Honesty | Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Any for of scholastic dishonesty is a serious academic violation and will result in a disciplinary action. It is explained in Article 25 of the Directive on Associate and Undergraduate Programs of Antalya Bilim University. |
| | Students with Disabilities | Reasonable accommodations will be made for students with verifiable disabilities. |
| | Safety Issues | The course does not require any special security measures. |
| | Flexibility | Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes. |

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