

MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME	COURSE CODE: D10D- 601020
Module designation	Human Biology	
Semester in which the module is taught	5	
Person (s) responsible for the module	1. Dr. Eneng Nunuz Rohmatullayaly, M.Si 2. Annisa Ph.D	
Medium of instruction	Indonesian	
Relation to curriculum	Elective course	
Teaching methods	Lectures, discussions, cooperative learning, inquiry learning, and project based learning	
Workload	<p>Total workload : 5440 minutes = 90.67 hours</p> <p>Lectures, discussions, : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours cooperative learning, and inquiry learning</p> <p>Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours</p> <p>Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours</p>	
Credit points	2,00 (3,62 ECTS)	
Required and recommended prerequisites for joining the module	Biosystematics and Evolution	
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Students are able to explain the concepts and scope of biology 2. Students are able to explain human variation, adaptation, and evolution, and understand how humans interact with their complex socio-ecological and biocultural environments. 3. Students are able to explain the genetic structure of populations and human diversity, including race and ethnicity. 4. Students are able to relate kinship and mating systems to sexual selection as a mechanism for increasing the contribution of genetic offspring and relate kinship systems, mating systems, physical attractiveness, and sexual selection in human populations. 5. Students are able to describe life histories throughout the human life cycle. 6. Students are able to compile life history examples in cases of growth, development, sexual maturation, and aging in various population types. 7. Students are able to examine and determine approaches and methods for life strategy research. 8. Students are able to measure human phenotypes using anthropometry and somatometry. 9. Students are able to analyze appropriate methods according to research objectives. 	
Contents	<ol style="list-style-type: none"> 1. Introduction and Course Contract 2. Introduction to Human Biology 3. Human Evolution and Adaptation 4. Genetic Structure of Human Populations 5. Family and Ships 6. Physical Attractiveness and Sexual Selection 7. Life Strategies (Life History) 8. Human Life Cycle 	

	9. Human Biology Research Methods
Examination forms	Quiz, midterm exam, assignment, and final exam
Study and examination requirements	The minimum attendance in lectures is 80%. Final grades are evaluated based on quiz (10%), midterm exam (15%), assignment (10%), final exam (15%), project and participation (50%)
Reading lists	<ol style="list-style-type: none"> 1. Bogin, B. (1999). Pattern of Human Growth. 2nd ed. Cambridge Univ Pr. 2. Chiras, D. D. (2013). Human biology. Jones & Bartlett Publishers. 3. Ellison, P. T. (2017). Reproductive ecology and human evolution. Routledge. 4. Eveleth, P. B., Tanner, J. M., Eveleth, P. B., Tanner, J. M., & Chang, W. H. (1976). Worldwide variation in human growth (Vol. 8). CUP Archive. 5. Mai, L. L., Young Owl, M., & Kersting, M. P. (2005). The Cambridge dictionary of human biology and evolution (No. Sirsi) i9780521662505). 6. Stinson, S., Bogin, B., & O'Rourke, D. H. (Eds.). (2012). Human biology: an evolutionary and biocultural perspective. John Wiley & Sons 7. Moretti, E., & Collodel, G. (2025). The Human Spermatozoon. Springer Cham.