

| SEMESTAR | R.br. | Šifra/Code | Naziv kolegija                                    | Course name                                               | Nositelj kolegija/Teacher                                                                                              | ECTS credits | autumn/spring semester |
|----------|-------|------------|---------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| I.       | 1     | 201588     | Opća i anorganska kemija                          | General and Inorganic Chemistry                           | Asst. Prof. Gioconda Millotti, PhD                                                                                     | 5            | autumn                 |
|          | 2     | 201589     | Opća biologija                                    | General Biology                                           | Prof. Mladen Kučinić, PhD                                                                                              | 5            | autumn                 |
|          | 3     | 50287      | Mikrobiologija                                    | Microbiology                                              | Asst. Prof. Emina Pustijanac, PhD                                                                                      | 5            | autumn                 |
|          | 4     | 50288      | Stanična i molekularna biologija                  | Cell and Molecular Biology                                | Asst. Prof. Emina Pustijanac, PhD                                                                                      | 5            | autumn                 |
|          | 5     | 152480     | Fizika                                            | Physics                                                   | Prof. Daniel Mark Lyons, PhD                                                                                           | 5            | autumn                 |
|          | 6     | 152481     | Matematika                                        | Mathematics                                               | Asst. Prof. Danijela Rabar, PhD                                                                                        | 5            | autumn                 |
| II.      | 7     | 152493     | Organska kemija i biokemija                       | Organic Chemistry and Biochemistry                        | Asst. Prof. Gioconda Millotti, PhD                                                                                     | 5            | spring                 |
|          | 8     | 152497     | Ekologija                                         | Ecology                                                   | Assoc. Prof. Mauro Štifanić, PhD<br>Neven Iveša, graduate teaching assistant                                           | 3            | spring                 |
|          | 9     | 152559     | Metode znanstvenog rada                           | Methodology of Scientific Work                            | Assoc. Prof. Bojan Lazar, PhD                                                                                          | 3            |                        |
|          | 10    | 152502     | Fizička geologija                                 | Physical Geology                                          | Prof. Vlasta Čosović, PhD                                                                                              | 4            | spring                 |
|          | 11    | 214579     | Uvod u oceanologiju                               | Introduction to Oceanology                                | Asst. Prof. Paolo Paliaga, PhD<br>Moir Buršić, graduate teaching assistant                                             | 5            | spring                 |
| III.     | 12    | 152500     | Fizika mora                                       | Marine Physics                                            | Prof. Nastjenka Supić, PhD                                                                                             | 5            | autumn                 |
|          | 13    | 63484      | Kemija mora                                       | Marine Chemistry                                          | Assoc. Prof. Tamara Đakovac, PhD                                                                                       | 5            | autumn                 |
|          | 14    | 152501     | Ekologija mora                                    | Marine Ecology                                            | Asst. Prof. Paolo Paliaga, PhD<br>Moir Buršić, graduate teaching assistant<br>Neven Iveša, graduate teaching assistant | 5            | autumn                 |
|          | 15    | 152508     | Genetika i evolucija                              | Genetics and Evolution                                    | Assoc. Prof. Mauro Štifanić, PhD<br>Asst. Prof. Ana Baričević, PhD                                                     | 5            | autumn                 |
|          | 16    | 63495      | Fiziologija morskih organizama                    | Physiology of Marine Organisms                            | Asst. Prof. Ines Kovačić, PhD<br>Assoc. Prof. Dijana Pavičić Hamer, PhD                                                | 5            | autumn                 |
| IV.      | 17    | 63492      | Analitička kemija i instrumentalne metode analize | Analytical Chemistry and Instrumental Methods of Analysis | Asst. Prof. Gioconda Millotti, PhD                                                                                     | 5            | spring                 |
|          | 18    | 152505     | Biostatistička analiza i eksperimentalni dizajn   | Biostatistics and Experimental Design                     | Assoc. Prof. Maja Fafandel, PhD                                                                                        | 3            | spring                 |
|          | 19    | 75017      | Geologija mora                                    | Marine Geology                                            | Prof. Vlasta Čosović, PhD                                                                                              | 4            | spring                 |
|          | 20    | 214581     | Praktična nastava iz biologije mora               | Practical Course in Marine Biology                        | Asst. Prof. Paolo Paliaga, PhD<br>Neven Iveša, graduate teaching assistant                                             | 3            | spring                 |
|          | 21    | 214580     | Kralješnjaci mora                                 | Marine Vertebrates                                        | Assoc. Prof. Bojan Lazar, PhD<br>Moir Buršić, graduate teaching assistant                                              | 5            | spring                 |
|          | 22    | 152509     | Engleski znanstveni jezik                         | English for Marine Science Students                       | Krešimir Vunić, Lecturer                                                                                               | 3            | spring                 |
|          | 23    | 63497      | Ekofiziologija                                    | Ecophysiology                                             | Assoc. Prof. Dijana Pavičić Hamer, PhD                                                                                 | 3            | spring                 |
|          | 24    | 152524     | Nanotehnologija u istraživanju mora               | Nanotechnology in Marine Research                         | Prof. Daniel Mark Lyons, PhD<br>Ivana Hazdovac, graduate teaching assistant                                            | 4            | spring                 |
| V.       | 25    | 74718      | Osnove EU                                         | Basics of EU                                              | Prof. Ines Kersan-Škabić, PhD<br>Assoc. Prof. Kristina Afrić Rakitovac, PhD<br>Asst. Prof. Lela Tijanić, PhD           | 4            | autumn                 |
|          | 26    | 75019      | Mehanizmi dugoročnih promjena u ekosustavu mora   | Mechanisms of Long-term Change in Marine Ecosystems       | Asst. Prof. Paolo Paliaga, PhD                                                                                         | 3            | autumn                 |

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|-----|----|--------|-------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------|---|--------|
|     | 27 | 152512 | Ciklus organske tvari i eutrofikacija           | Organic Matter Cycle and Eutrophication                 | Asst. Prof. Paolo Paliaga, PhD<br>Ingrid Ivančić, PhD                        | 3 | autumn |
|     | 28 | 152517 | Geokemijski procesi u moru                      | Marine Geochemistry                                     | Prof. Ivan Sondi, PhD<br>Asst. Prof. Kristina Pikelj, PhD                    | 4 | autumn |
|     | 29 | 152518 | Obrada oceanoloških podataka                    | Oceanographic Data Processing                           | Assoc. Prof. Robert Precali, PhD<br>Prof. Nastjenka Supić, PhD               | 6 | autumn |
|     | 30 | 201632 | Morsko ribarstvo                                | Marine Fisheries                                        | Assoc. Prof. Ana Gavrilović, PhD<br>Neven Iveša, graduate teaching assistant | 5 | autumn |
|     | 31 | 152519 | Povijest istraživanja mora                      | History of Marine Research                              | Prof. Renato Batel, PhD<br>Prof. Bojan Hamer, PhD                            | 3 | autumn |
|     | 32 | 75025  | Radioekologija                                  | Radioecology                                            | Assoc. Prof. Dijana Pavičić Hamer, PhD                                       | 3 | autumn |
| VI. | 33 | 152522 | Biološka raznolikost i konzervacijska biologija | Biodiversity and Conservation Biology                   | Assoc. Prof. Bojan Lazar, PhD<br>Moira Buršić, graduate teaching assistant   | 5 | spring |
|     | 34 | 75029  | Programirane biosinteze i genotoksični rizik    | Programmed Biosynthesis and Genotoxic Risk              | Assoc. Prof. Maja Fafandel, PhD                                              | 4 | spring |
|     | 35 | 201637 | Primjena ronjenja u istraživanju mora           | Scientific Diving                                       | Assoc. Prof. Andrej Jaklin, PhD                                              | 4 | spring |
|     | 36 | 214582 | Principi i sustavi zaštite mora i priobalja     | Principles and Systems of Marine and Coastal Protection | Asst. Prof. Paolo Paliaga, PhD<br>Neven Iveša, graduate teaching assistant   | 4 | spring |