

**Electives**

| Discipline                           | Code    | ECTS | Year<br>(preferential) | Semester   | Type of Assessment                                   | Coordinator of the<br>Course Unit                | Available<br>Places | Location                     | Timetable<br>(to be confirmed)                                      |
|--------------------------------------|---------|------|------------------------|------------|------------------------------------------------------|--------------------------------------------------|---------------------|------------------------------|---------------------------------------------------------------------|
| Allergology                          | 2026879 | 2    | 5th                    | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Ana Maria Todo Bom Ferreira da Costa             | 5                   | Polo3                        | Wednesday - 18:00/20:00                                             |
| Analysis of Temporal Biomedical Data | 2034837 | 2    | 3rd/4th/5h             | 2nd        | AEF - Evaluated exclusively by continuous assessment | Bárbara Cecília Bessa dos Santos Oliveiros Paiva | 1                   | Polo3                        | Thursday - 16:00/18:00                                              |
| Nutritional Biology                  | 1017418 | 2    | 1st/2nd/3rd            | 1st or 2nd | EFE – Continuous assessment and examination period   | Ana Cristina Pereira Gonçalves                   | 5                   | Polo3                        | Thursday - 14:00/16:00                                              |
| Applied Molecular Biology            | 1011095 | 2    | 2nd/3rd                | 1st or 2nd | EFE - Continuous assessment and examination period   | Raquel Fernanda da Silva Alves                   | 10                  | Polo3                        | Thursday - 14:00/16:00                                              |
| Experimental Surgery                 | 1014580 | 2    | 3rd                    | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Nuno José Gomes Rama                             | 2                   | Polo3<br>Paediatric Hospital | Thursday -<br>TP1- 14-16:00<br>TP2- 16-18:00<br>PL- Random schedule |
| Minimally Invasive Surgery           | 2054283 | 2    | 5th                    | 2nd        | AEF - Evaluated exclusively by continuous assessment | José Guilherme Tralhão                           | 1                   | HUC                          | Thursday-<br>TP-18:00/20:00<br>PL- Random schedule                  |
| Pediatric Surgery                    | 2034815 | 2    | 4th/5th                | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Rui Miguel Rua Filipe Martins                    | 2                   | Polo3<br>Paediatric Hospital | Thursday -<br>TP 18:00/20:00<br>O- Random schedule                  |
| Plastic and Reconstructive Surgery   | 2039163 | 2    | 5th                    | 1st or 2nd | SEF - Without continuous assessment                  | José Luís de Almeida Cabral                      | 2                   | Polo3                        | Wednesday - 18:00/20:00                                             |

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| Laboratory Cytogenetics and Genomics       | 1014591  | 2 | 2nd/3rd     | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Isabel Marques Carreira                   | 4 | Polo3    | Tuesday - 14:00/16:00                                                             |
| Soft-skills for medical research           | 2039174  | 2 | 4th/5th     | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Mafalda Sofia Laranjo Cândido             | 3 | Polo3    | Wednesday - 18:00/20:00                                                           |
| Communicating Medical Science to Society   | 01021366 | 2 | 3rd         | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Tiago Manuel Pombo Alfaro                 | 1 | Polo III | Thursday - 14:00/16:00                                                            |
| Palliative Care and Pain Therapy           | 2026896  | 2 | 4th/5th     | 1st or 2nd | EFE - Continuous assessment and examination period   | Hugo Alexandre da Cruz Ribeiro            | 6 | Polo3    | 1st semester<br>Thursday - 18:00/20:00<br>2nd semester<br>Wednesday - 18:00/20:00 |
| Clinical Ultrasonography                   | 2031421  | 2 | 5th         | 1st or 2nd | EFE - Continuous assessment and examination period   | Luís Miguel Catarino Curvo Semedo         | 1 | HUC      | Wednesday - 18:00/20:00                                                           |
| Health Economics and Management            | 2026900  | 2 | 4th/5th     | 1st or 2nd | SEF - Without continuous assessment                  | To be defined                             | 7 | Polo3    | Thursday - 18:00/20:00                                                            |
| Efficacy and Safety of Natural Products    | 02044805 | 2 | 1st         | 1st or 2nd | SEF - Without continuous assessment                  | Mónica da Rocha Zuzarte                   | 5 | Polo3    | Thursday - 14:00/16:00                                                            |
| Scientific writing and communication       | 1017454  | 2 | 1st/2nd/3rd | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Ana Cristina Pereira Gonçalves            | 2 | Polo3    | Thursday - 16:00/18:00                                                            |
| Fundamental Neuroscience                   | 1014552  | 2 | 2nd/3rd     | 1st or 2nd | EFE - Continuous assessment and examination period   | Ana Cristina Carvalho Rego                | 4 | Polo3    | Tuesday - 14:00/16:00                                                             |
| Molecular and Physiological Basis Of Aging | 1016191  | 2 | 1st/2nd/3rd | 2º         | AEF - Evaluated exclusively by continuous assessment | Rodrigo Pinto dos Santos Antunes da Cunha | 3 | Polo3    | Thursday - 14:00/16:00                                                            |

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| Geriatrics                                                              | 2411140  | 2 | 4th/5th     | 1st or 2nd | SEF - Without continuous assessment                  | Anabela Mota Pinto                               | 10 | Polo3           | Thursday - 18:00/20:00                                   |
| Histology and Developmental Biology: Clinical and Research Implications | 02049493 | 2 | 4th/5th     | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Rui Pedro Moreira de Oliveira                    | 2  | Polo3 / HUC     | Wednesday - 18:00/20:00                                  |
| Humanization in Health                                                  | 01021377 | 2 | 1st/2nd     | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Ana Margarida Coelho Abrantes                    | 2  | Polo3           | Thursday - 14:00/16:00                                   |
| Clinical Immunology                                                     | 1411058  | 2 | 4th         | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | António Celso Dias Pais Pereira                  | 5  | Polo3           | Thursday - TP1- 16/17:00<br>TP2-17/18:00<br>TT- 18/19:00 |
| Introduction to Medical Acupuncture                                     | 2026843  | 2 | 4th/5th     | 1st or 2nd | EFE - Continuous assessment and examination period   | Maria Filomena Rabaça Roque Botelho              | 4  | Polo3           | Thursday - 18:00/20:00                                   |
| Introduction to Data Science                                            | 02044816 | 2 | 1st/2nd/3rd | 2nd        | AEF - Evaluated exclusively by continuous assessment | Bárbara Cecília Bessa dos Santos Oliveiros Paiva | 5  | Polo3           | 5ª feira - 14:00/16:00                                   |
| Introduction to Research                                                | 1014548  | 2 | 1st         | 1st        | SEF - Without continuous assessment                  | Henrique Manuel dos Santos Girão                 | 15 | Polo3           | Thursday - 14:00/16:00                                   |
| An Introduction to Traditional Chinese Medicine                         | 1016090  | 2 | 1st/2nd/3rd | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Maria Filomena Rabaça Roque Botelho              | 3  | Polo3           | Thursday - 14:00/16:00                                   |
| Applied Research I                                                      | 1014882  | 2 | 1st/2nd/3rd | 1st        | SEF - Without continuous assessment                  | Cláudia Maria Fragão Pereira                     | 2  | Polo1/<br>Polo3 | Thursday - 14:00/16:00                                   |
| Applied Research II                                                     | 1014893  | 2 | 1st/2nd/3rd | 2nd        | SEF - Without continuous assessment                  | Ana Paula Pereira da Silva Martins               | 2  | Polo1/ Polo3    | Thursday - 14:00/16:00                                   |

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| Applied Research III                 | 1014925 | 2 | 1st/2nd/3rd | 1st        | SEF - Without continuous assessment                  | António Francisco Rosa Gomes Ambrósio | 2 | Polo3               | Thursday - 14:00/16:00                             |
| Applied Research IV                  | 1014936 | 2 | 1st/2nd/3rd | 2nd        | SEF - Without continuous assessment                  | João José Oliveira Malva              | 2 | Polo3               | Thursday - 14:00/16:00                             |
| Adolescent Medicine                  | 2034809 | 2 | 4th/5th     | 1st or 2nd | EFE - Continuous assessment and examination period   | Maria Del Carmen Bento Teixeira       | 2 | Paediatric Hospital | Wednesday - 17:00/19:00                            |
| Reproductive Medicine                | 2031443 | 2 | 5th         | 1st or 2nd | SEF - Without continuous assessment                  | Ana Teresa Moreira de Almeida Santos  | 3 | Polo3/HUC           | Tuesday- 14:00/16:00                               |
| High Performance Sports Medicine     | 2054305 | 2 | 5th         | 1st        | EFE - Continuous assessment and examination period   | António Miguel Ferreira               | 2 | HUC                 | Wednesday - 18:00/20:00                            |
| Medicine in Extreme Environments     | 2039191 | 2 | 4th/5th     | 1st        | SEF - Without continuous assessment                  | Ana Margarida Coelho Abrantes         | 5 | Polo3               | Wednesday - 18:00/20:00                            |
| Physical and Rehabilitation Medicine | 2026885 | 2 | 4th/5th     | 1st or 2nd | SEF - Without continuous assessment                  | João Paulo Branco                     | 6 | Polo3 CHUC          | Thursday - T- 18:00/19:00<br>P- Variable timetable |
| Humanitarian Medicine                | 2034826 | 2 | 5th         | 2nd        | EFE - Continuous assessment and examination period   | António Miguel da Cruz Ferreira       | 3 | Polo3               | Wednesday - 18:00/20:00                            |
| Intensive Care Medicine              | 2026911 | 2 | 5th         | 1st or 2nd | SEF - Without continuous assessment                  | João Pedro Baptista                   | 4 | Polo3               | Wednesday - 18:00/20:00                            |
| Laboratory Medicine                  | 2026821 | 2 | 4th/5th     | 1st        | AEF - Evaluated exclusively by continuous assessment | Maria de Fátima Saraiva Martins       | 3 | Polo1/HUC           | Thursday - 18:00/20:00                             |

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| <b>Oral Medicine</b>                              | 2026857  | 2 | 4th/5th         | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | José Pedro Figueiredo               | 7  | Dentistry | Thursday - 18:00/20:00                              |
| <b>Regenerative Medicine</b>                      | 2039219  | 2 | 5th             | 1st        | SEF - Without continuous assessment                  | Lino da Silva Ferreira              | 1  | Polo1     | Wednesday - 18:00/20:00                             |
| <b>Measures and Devices in Medicine</b>           | 01021388 | 2 | 1st/2nd/3rd     | 2nd        | AEF - Evaluated exclusively by continuous assessment | Maria Filomena Rabaça Roque Botelho | 2  | Polo3     | Thursday - 16:00/18:00                              |
| <b>Metrics on functioning and quality of life</b> | 1017429  | 2 | 2nd/3rd         | 1st or 2nd | SEF - Without continuous assessment                  | João Paulo Branco                   | 3  | Polo3     | Thursday - 14:00/16:00                              |
| <b>Neurosurgery</b>                               | 2026868  | 2 | 5th             | 1st or 2nd | EFE - Continuous assessment and examination period   | José Luís Alves                     | 10 | HUC       | Wednesday - T- 17:00/19:00<br>P- Variable timetable |
| <b>Basic Concepts of Anesthesiology</b>           | 02044827 | 2 | 5th             | 1st or 2nd | SEF - Without continuous assessment                  | Francisco José Palma Maio de Matos  | 3  | HUC       | Wednesday - 18:00/20:00                             |
| <b>Clinical Nutrition</b>                         | 1410729  | 2 | 3rd             | 1st or 2nd | SEF - Without continuous assessment                  | José Manuel Santos Pereira de Moura | 6  | HUC       | Thursday - 14:00/16:00                              |
| <b>Experimental Pathology</b>                     | 1014537  | 2 | 2nd/3rd/4th/5th | 1st or 2nd | SEF - Without continuous assessment                  | Maria Filomena Rabaça Roque Botelho | 3  | Polo3     | Tuesday - 18:00/20:00                               |
| <b>Herbal Medicine in Clinical Practice</b>       | 2031432  | 2 | 5th             | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | António Celso Dias Pais Pereira     | 2  | Polo3     | Thursday - 14:00/16:00                              |
| <b>Physical Exercise Prescription</b>             | 1014908  | 2 | 1st/2nd/3rd     | 1st or 2nd | SEF - Without continuous assessment                  | João Paulo Branco                   | 10 | Polo3     | Tuesday - 14:00/16:00                               |

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| <b>Atherosclerotic Cardiovascular Disease Prevention</b>             | 2049501  | 2 | 4th/5th     | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Maria João Soares Vidigal Teixeira Ferreira      | 3  | Polo3               | Wednesday - 18:00/20:00 |
| <b>Psychiatry and Mental, Child and Adolescent Health</b>            | 2054272  | 2 | 5th         | 2nd        | SEF - Without continuous assessment                  | Nuno Madeira                                     | 1  | Paediatric Hospital | Wednesday - 18:00/20:00 |
| <b>Radiobiology</b>                                                  | 1017435  | 2 | 2nd/3rd/4th | 1st        | SEF - Without continuous assessment                  | Ana Margarida Coelho Abrantes                    | 3  | Polo3               | Tuesday - 14:00/16:00   |
| <b>Interventional Radiology</b>                                      | 2034792  | 2 | 4th/5th     | 1st or 2nd | SEF - Without continuous assessment                  | Paulo José de Miranda Lemos Romão Donato         | 2  | HUC                 | Thursday - 18:00/20:00  |
| <b>Statistical Analysis in Thesis and Academic Articles I</b>        | 1015795  | 2 | 3rd         | 1st or 2nd | EFE - Continuous assessment and examination period   | Otília da Anunciação Cardoso d'Almeida           | 3  | Polo3               | Thursday - 14:00/16:00  |
| <b>Biological Rhythms in Medicine</b>                                | 02044849 | 2 | 1st/2nd/3rd | 2nd        | EFE - Continuous assessment and examination period   | Cristina Maria Tristão Sena                      | 5  | Polo3               | Thursday - 14:00/16:00  |
| <b>Research Seminars</b>                                             | 1014919  | 2 | 1st         | 2nd        | SEF - Without continuous assessment                  | Henrique Manuel dos Santos Girão                 | 15 | Polo3               | Thursday - 14:00/16:00  |
| <b>Artificial Intelligence Topics in Medicine: Machine Learning</b>  | 1017446  | 2 | 3rd         | 2nd        | AEF - Evaluated exclusively by continuous assessment | Francisco José Santiago Fernandes Amado Caramelo | 4  | Polo3               | Thursday - 14:00/16:00  |
| <b>Artificial Intelligence Topics in Medicine: Pattern Detection</b> | 2039208  | 2 | 4th/5th     | 1st        | AEF - Evaluated exclusively by continuous assessment | Bárbara Cecília Bessa dos Santos Oliveiros Paiva | 1  | Polo3               | Wednesday - 18:00/20:00 |
| <b>Clinical and Forensic Toxicology</b>                              | 2026933  | 2 | 4th/5th     | 1st or 2nd | AEF - Evaluated exclusively by continuous assessment | Helena Maria de Sousa Ferreira e Teixeira        | 4  | Polo3               | Thursday - 18:00/20:00  |

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| Trauma, Emergency and Catastrophe | 2039225 | 2 | 5th | 1st or 2nd | SEF - Without continuous assessment                | Henrique Miguel Marques Bom Borges Alexandrino | 1 | Polo3               | Wednesday - 18:00/20:00 |
| Acute and Emergency Paediatrics   | 2026922 | 2 | 5º  | 1st or 2nd | EFE - Continuous assessment and examination period | Fernanda Maria Pereira Rodrigues               | 1 | Paediatric Hospital | Wednesday - 18:00/20:00 |