**Orari i studimeve: Programi Kimi, Bsc**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Viti I** | | | | | | |
| **Semestri I** | | | | **Orë/javë** | | | |  |
| **Nr.** | **O/Z** | | **Lëndët** | **L** | **UL /UN** | | **ECTS** | **Mesimdhenesi** |
| 1 | O | | Matematikë | 2 | 3 | | 6 | Prof. Asoc. Dr. Kajtaz Bllaca |
| 2 | O | | Fizikë I | 2 | 2 | | 5 | Prof. Dr. Shukri Klinaku |
| 3 | O | | Kimi e përgjithshme | 4 | 4 | | 9 | Prof. Dr. Musaj Paçarizi |
| 4 | O | | Informatika në kimi | 2 | 2 | | 5 | Prof.As.Dr. Liridon Berisha |
| 5 | O | | Stekiometri | 2 | 2 | | 5 | Prof. As. Dr. Albert Maxhuni |
| Totali | | | | 12 | 13 | | 30 |  |
|  | **Semester II** | | | | | | | |
| 1 | O | | Matematikë me statistikë | 3 | 3 | 7 | | Prof. As. Dr. Elver Bajrami |
| 2 | O | | Fizikë II | 2 | 2 | 5 | | Prof. Dr. Shukri Klinaku |
| 3 | O | | Kimi inorganike | 3 | 3 | 7 | | Prof. Dr. Avni Berisha |
| 4 | O | | Kimi analitike I | 3 | 4 | 8 | | Prof. Dr. Naser Troni |
| 5 | Z | | Gjuhë angleze | 2 | 1 | 3 | | Msc. Festina Shabani |
| 6 | Z | | Biologji | 2 | 1 | 3 | | Prof.As. Dr. Lulzim Millaku |
| Totali | | | | 13 | 13 | 30 | |  |
| **Kujdes**: Studentët duhet të zgjedhin njërën nga lëndët zgjedhore | | | | | | | | |
|  | | **Year II** | | | | | | |
| **Semestri III** | | | | **Orë/javë** | | | |  |
| **No.** | **O/Z** | | **Lëndët** | **L** | **UL/UN** | **ECTS** | | **Mesimdhenesi** |
| 1 | O | | Kimi fizike I | 3 | 3 | 8 | | Prof. Dr. Bashkim Thaçi |
| 2 | O | | Kimi organike I | 3 | 3 | 8 | | Prof. Dr. Majlinda Daci |
| 3 | O | | Struktura e atomeve dhe molekulave | 2 | 2 | 5 | | Prof. Dr. Bashkim Thaçi |
| 4 | O | | Histori e kimisë | 2 | 1 | 4 | | Prof. As. Dr. Flamur Sopaj |
| 5 | Z | | Analiza kimike e ujit | 2 | 2 | 5 | | Prof. Dr. Bardha Korça |
| 6 | Z | | Gjuhë angleze profesionale | 2 | 2 | 5 | | Msc. Festina Shabani |
| Totali | | | | 12 | 11 | 30 | |  |
| **Kujdes**: Studentët duhet të zgjedhin njërën nga lëndët zgjedhore | | | | | | | | |
|  | **Semestri IV** | | | | | | | |
| 1 | O | | Kimi organike II | 3 | 3 | 7 | | Prof. Dr. Majlinda Daci |
| 2 | O | | Kimi fizike II | 3 | 3 | 7 | | Prof. As. Dr. Makfire Sadiku |
| 3 | O | | Kimi analitike II | 3 | 4 | 8 | | Prof. Dr. Fatmir Faiku |
| 4 | O | | Kimia e mjedisit | 2 | 2 | 5 | | Prof. Dr. Bashkim Thaçi |
| 5 | Z | | Burimet alternative të energjisë | 2 | 1 | 3 | | Prof. Dr. Fetah Podvorica |
| 6 | Z | | Kimia e polimerëve | 2 | 1 | 3 | | Prof. Dr. Arben Haziri |
| Totali | | | | 13 | 13 | 30 | |  |
| **Kujdes**: Studentët duhet të zgjedhin njërën nga lëndët zgjedhore | | | | | | | | |
|  | | **Viti III** | | | | | | |
| **Semestri V** | | | | **Orët/ javë** | | | |  |
| **Nr.** | **O/Z** | | **Lëndët** | **L** | **UL/UN** | **ECTS** | | **Mesimdhenesi** |
| 1 | O | | Kimi organike III | 2 | 4 | 7 | | Prof. Dr. Ramiz Hoti |
| 2 | O | | Kimi analitike III | 3 | 4 | 8 | | Prof. Dr. Tahir Arbneshi |
| 3 | O | | Kursi i lartë i kimisë së përgjithshme dhe inorganike | 3 | 3 | 7 | | Prof. Dr. Ismet Hashani |
| 4 | O | | Biokimi I | 2 | 2 | 5 | | Prof. Asoc. Dr. Hamit Ismaili |
| 5 | Z | | Kimia ushqimore | 2 | 1 | 3 | | Prof. Asoc. Arleta Rifati |
| 6. | Z | | Mineralogjia | 2 | 1 | 3 | | Prof. Dr. Musaj Paçarizi |
| Total | | | | 12 | 14 | 30 | |  |
| **Kujdes**: Studentët duhet të zgjedhin njërën nga lëndët zgjedhore | | | | | | | | |
|  | **Semester VI** | | | | | | | |
| 1 | O | | Kimia organike IV | 2 | 3 | 6 | | Prof. Dr. Sevdije Govori |
| 2 | O | | Teknologji kimike | 2(1\*) | 2 | 6 | | Prof. Asoc. Dr. Ilir Shehu |
| 3 | O | | Biokimi II | 2 | 4 | 7 | | Prof. Asoc. Dr. Hamit Ismail |
| 4 | O | | Bazat e spektroskopisë | 2 | 2 | 5 | | Prof. Asoc. Arleta Rifati |
| 5 | O | | Punim i diplomës | 0 | 5 | 6 | |  |
| Totali | | | | 9 | 16 | 30 | |  |
| **L**- ligjerat  **UL/UN**-ushtrime laboratorike /ushtrime numerike  \* 15 Orë praktike profesionale | | | | | | | | |

Shtojca III: Krahasueshmeria e programeve

**Programi Bsc. Kimi i Zagrebit -** Krahasueshmeria përmbajtësore është rreth 75 %

<https://www.pmf.unizg.hr/chem/teaching/undergraduate_studies_in_chemistry>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1. semester, 1. year** | | | | | |
| ECTS | Mandatory courses | English level | Semester workload | Sem | INFO |
| 2.0 | [Computer laboratory course 1 (38181)](https://www.pmf.unizg.hr/chem/en/course/racpra1)  Bertoša, B. | - | 30  ( ) | 1 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=uGur1CCDSwAFsLPZD1JWxkmRYRMfFSTnfLXrHKi5Cz2Fy-1hrqskuaAf2HNQvMIJyQwHBoDlAGGoOpQ4ySR6MJnf9gb6RyB9yX-VQ88IOvxVYj_wHGFQo-K1W_q7dflbhXFlToVQtYLmY14Z8f-g0ul2kaQ=&_v1flags=7GHWyhdGnzMXe2m23xr8hxjc-BFFUQ9HdpuVPCz8kzRb5vRwgdzJY4o41J6rF3rZylqmy4IsdOXOaXNvmfHcymyKgkf1g029rYfp3XkCSvjKegNHZiSv3S6zYuuZUmCB1IJ0GVrCU3RJ0ZhaSRT8RKQCR9nqy-A5lHwR682D-Ms6D5xm&_lid=30775&_rand=0',%20'INFO')) |
| 6.0 | [General chemistry (72905)](https://www.pmf.unizg.hr/chem/en/course/opckem)  Vrdoljak, V. | - | 75  (45P+30S ) | 1 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=cNVHa5gOYFTLZ7jNIb2ddzwqAx47haZgT8b52qXHDAhotvGKA7dXZlbQYW1qEtXchCVFkevrTB-ZsW_5T2K96gwTnqSxIPQbf4lpUQcfSmXe0V_eicAMlO7LMb9EUUr6GF1EcQ1GkwXnPPaRu3B_6syLrL4=&_v1flags=-sy14Qjp2620kjJjlIHJfbS8C20bU8eIXvERd5sLlQktkrlO1n5bUfxCdJJM0irWr79rDIpU7DuzVKtgY46QEqRosZehPs7TfRiui1m3eFkp71KEs5UAPP0Pi32HuQR9VzxXQry1bDAqg5tW4VUn36hkRRXtivZtch09QpT19byaQA-q&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [General chemistry laboratory 1 (72870)](https://www.pmf.unizg.hr/chem/en/course/pok1_b)  Đaković, M. | - | 60  (60L ) | 1 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=JAjBYLzh-M8ZYC1e52GCht5BqF03Y8-MtDzO5qd4aq6NC7DMVlayHnnn0qbH-dNg7PYApEET_quZXKU4OC-87VdKCwZITBZHtxzgvboWAO94FcYKzibblTPE-yk-W8YkE260TflOm-KrHo1ZqO1bcXudcq8=&_v1flags=Gqmyv4Vl0jmdmj0Z1YWUCyNFeXF0Nki3ojoCSduYwgkbxeWj8bY-ScGg3PpPgpb4-Tzr5CH_n-lfuTG_nj0O_5-V9THuTL9IgsiN4UFtuRqJvAPOoeuVYkGzdslBgmJdqRdk1Rjnrri5i7LAl0w8ZP-awcM5xnDhRWv9vYbP_XG30VUG&_lid=30775&_rand=0',%20'INFO')) |
| 8.0 | [Mathematics 1 (38176)](https://www.pmf.unizg.hr/chem/en/course/mat1)  Bruckler, F. | - | 105  (60P ) | 1 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=NbKUxkTUkuC1ZNgsTfNx93-lOU9ZKvn47A0HFkjlo_SNHzMsYdeoXMQ2VHUbHrDBH-y5ILX-ntqjgo2V_1CLR0XHnLbUvxyy0uQoFdUbH8zYYGp7cxj-9pTs5Z-4TcvdldXLpZCCbhqg3hZfOBsb-A2Ewig=&_v1flags=tqf6nDZo4VJq5sFgBMX5qfR4hGmhLKZl2idI1_SZrVElr-72S-6iRrVcXV6fEuGC1XhDpzhsK6GmmRRwMffgkLv-B3paIbGNQHscsmeohZ5Iqq6rIPMVJuK2kVVIMFpEFkThN3y9t4SpT7rUqf_XF34xQH7w5DaAcbGnhr2x6dVXpYYZ&_lid=30775&_rand=0',%20'INFO')) |
| 0.0 | [Physical Education and Health Culture 1 (38079)](https://www.pmf.unizg.hr/en/course/tzk1)  Fučkar Reichel, K.; Vulić, J. | - | 30  ( ) | 1 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=enofBxYmZr0DOCaRTf2Rmce3OTbDtvZsaVF8CymNXsdL40ijxeI4KMp2xT_AHItawRvdYHIuga6Rdn7GDguefgGHCyGTgmNGJoBY91eNIcf1HgMb6JxHd9ejLLYb8iCpzU8H0lpFz0sxCxVxzcpJyzyNfFg=&_v1flags=pUZ-awluqLn4TAEd8ySd5M93dhXlJEl0AzAHIXxb8B_IMnNZt1tZXDBwtt8TA2N2cSDQO9vUgWpAuskOXVVU4neaf84L1DCzL94EsMhlsIJcPD4BujNIbIqvpztER3PuB_fzGrNSBH1L4J_1O78k9wv-3cvyoeq_iJrArL1kR3m9Mhok&_lid=30775&_rand=0',%20'INFO')) |
| 8.0 | [Physics 1 (38808)](https://www.pmf.unizg.hr/phy/en/course/fiz1)  Žugec, P. | - | 90  (60P ) | 1 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=4UsFJeBTqJHF4BRxnG1pvDY83Lk1k_oSkuk5ZI6tClAJxORsz7oF0U1wHmlOFbtPm4a-CCpGjdNSDmLMTx4j6s6pNcN3zA_baTjvCzQMOMCfBuKQggSoQ6BAIXivH6gVH_x_XsOn21-fCdSvjkc-aM4OveU=&_v1flags=brhEf4TFIFtgva5KK1MXxpHSMEItmwOwY8elVVEpQngV_0E9UPTq6yfClsbS1H9kt7tQovoR1DKhqy3hP77rx_3pf3xzjak5d6PMphu52xNbtV5pUBh3OaKI0AZ7sSz4tINgRuuldlC5UaEhjKbpsdggQ0hWfbVQnLJBHKOK_tramFTH&_lid=30775&_rand=0',%20'INFO')) |
| **2. semester, 1. year** | | | | | |
| ECTS | Mandatory courses | English level | Semester workload | Sem | INFO |
| 2.0 | [Computer laboratory course 2 (38190)](https://www.pmf.unizg.hr/chem/en/course/racpra2)  Bertoša, B. | - | 30  ( ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=PE8Py8ZQftb6iUrTmQgip86vD2GU-gK5Orwbn6mIVaQBawGUdev7tzjGD2sM3FWyyjDNcbax703Ie3uewn8nNVUNSwmi0cQZJ9oQq8rLSiQx-9Uy1WRz6EBSonaSbnzQIFZNgp9RPZSCPDJ9Eyec-K-KmHg=&_v1flags=xpL-GkZT2Obvo6L9RXejyEQX6COijIQUDcvayJJ0f6U8UlEYBC-kNDbmpXbf6Y35sbQguME01T18MNqDUvsn8xBze0MrZSLTzdt9Qbpqku0O25Odt_BGE85I0lYTEPSRPXFVL0V-mrWWoNw_gtfeVzoCj37PUu1_FAQ_AUw1kDIZsBhW&_lid=30775&_rand=0',%20'INFO')) |
| 6.0 | [General chemistry (72907)](https://www.pmf.unizg.hr/chem/en/course/opckem_a)  Vrdoljak, V. | - | 75  (45P+30S ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=UO5CpEEm_OQRcBxssizh4j0Md-R1FQMAYtjy6xN65om8D-WyaT9GX0Nu9gEumBHIxxPr3RLjFwJjG0wDpdMozm8DPtT4vAD9gYpZAbLKcEdyLbE1W-0V4yb_G9_FHWnN5oyxdZIMHSb-bg02bZM8MfFcKR4=&_v1flags=YyjBRH-LDFaoPuc3SVaIE7lJiVRZ_zPAJX3A0aoi__aUcN2jxxRcH0rMTEyMsKisa2fzLJDlzGM8saGWnTfu0feB6RcHc73JFkv_T7rGa-ow7Otdht39h_pLsC_BYV9fAvg5BqlSSFOLi6IdYs9fcNtN6VUA4EXoS9dDjOTMshYy-SUn&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [General chemistry laboratory 2 (72872)](https://www.pmf.unizg.hr/chem/en/course/pok2_b)  Đaković, M. | - | 60  (60L ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=_Uu0jgfaN1EVbKAzuN1kVR1l3UrCiG6o6YZU3LvCOy580jgMxMfA-wHhs3vN8VaYhibGV6y4xv-l-eabIDsi8TmR2c1kpNQpfnK4IqUcYcnEI5VBSjrorVmWSpvYBv0xfruUKfCJQzvBT_pmveit5dn7UUo=&_v1flags=NVV5Vp1RxexEMNHqE0YCVC9aHvfYTcI9CVsF0tgVfQZBbAthjCa13Vhkh8Q84JccEPv0CAjrwTMTVkUXQEyem2u7Cn7FK6V6vG5wVMNHJZVWVpwLbVBdzb87CjiW2JvmMqqPt4KeenZXGwuLpAqy0qBmt_jwrvKPqn1a8iJLNxmJ6VDo&_lid=30775&_rand=0',%20'INFO')) |
| 8.0 | [Mathematics 2 (38183)](https://www.pmf.unizg.hr/chem/en/course/mat2)  Bruckler, F. | - | 105  (60P ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=RI4jSl6RoknAG6r-l3vSV7GrLl-HhoZXTDovsAq7GBJMj6s0p25w685v10UyiNwUXizVuqD-vwKT88to2ZRX0MSNAnRV5iCJIJRbDiANad6H5DrGnxXQn679ZL0aZMmqkHf3VmSna8-4rEA8I943fgYOvvo=&_v1flags=n_8T5LWPqqvxJ4oYk8TTbeknc1bCXGRFsTa-CRuN5NUF44xNw_sPxCnRDtMDiyHdrSO4aw54KUmdgmEHDjhbASpe-1sXEoMGc1qDZH3pYp0Kf-CjH-_8bQ1rc3GQCVED1i14ksF5JHtlosmX97e4bMJshDmGqjc5pTluIkwlIinje_ji&_lid=30775&_rand=0',%20'INFO')) |
| 0.0 | [Physical Education and Health Culture 2 (38080)](https://www.pmf.unizg.hr/en/course/tzk2)  Fučkar Reichel, K.; Vulić, J. | - | 30  ( ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=byQqi5YUxZrPxu9FsgDHMv2PkYOdyOC-xOqm7TIep1RpLR_8_FnfvytxHyFGR4QwUW9cqGFaDvEMRocBfe_Ik0WzqqAl0lbDGgNZgO1IXkBN5HqbsdZzVuxbwIiH0i-Bgf63VOhWDacSMVD3SKwyMd9N3pg=&_v1flags=DeZVM0jCeVk_9vmgnQ40kpdpqjVqKUWrVSY-NzkiWGC2jSn7AyNN1qeKVTYtFl4X066OOKPmHYaCXDT6QD5OieMKaFlF_-QZe15IVi5vMY0TsSjpnDqGkkFq7nQZLpIcY5LSNw4uiykEG3SIEXunhZdk3E_K_P9hrWU9RFo8DamHvD0z&_lid=30775&_rand=0',%20'INFO')) |
| 8.0 | [Physics 2 (38184)](https://www.pmf.unizg.hr/phy/en/course/fiz2_a)  Žugec, P. | - | 90  (60P ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=8SUJfPOP8MmkQc0GwncYZQYLzuTgRRe843LmKv7m3c8gr74C69WmCdA2a6yHMTv0Rtv4ngtcIzD7f-qGru1l9NSJreJuwT5V1Mdri1JCKrrqebTNFckJ2zWpjwcVxj7ZxJRZ4VsDbo3HtjcDCYGI0cxGfvM=&_v1flags=Oa7hOszY_y_vbw_nXhbyKSVppkJ6l4jrZzmFsvU1qoGut1MpMMpixMdNo35-AyKPGxNYytoLjEoZqh6iPxjZ_77MnWg-vYB6uolfnWFRyJGbf-GN--RzCkX7mqB7_uhZepebS27k7MrjA13CPOg42_xHbCGtsHMF3cNS4Scl4q_zUhxe&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [Physics laboratory (72871)](https://www.pmf.unizg.hr/chem/en/course/prafiz_a)  Pajić, D. | - | 60  (60L ) | 2 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=nuL_nl1I80WoUJ3B7bfid-mrvp8Se2Pn2nXWawq8422oBmrqLBGp5aTX_0rzvVCmRflOLEEO5ZkXUaRiqhFlKfE9YQtrB3b6Z8X8HYZ77_ImHjTv_3h82M2-APB9vhZnpW95taVXUG-Bkq9vIWaI_3sI1-s=&_v1flags=7XPS6xT4QxgFRhycdTvJePwrQUVbwZCgYyJT9LV8dZKjwP_2lfxthvUdJbf5D-FmcVppewH1UyycQTNsEUzAafiz4tw5T2ZwYmL6juyDb2VylcvvP8vc_gDUs7GewwihO19c339nHQl9YINVhCQSqY_ruQH4r2az6zlf-8Rg_AFDhciG&_lid=30775&_rand=0',%20'INFO')) |
| **3. semester, 2. year** | | | | | |
| ECTS | Mandatory courses | English level | Semester workload | Sem | INFO |
| 5.0 | [Analytical chemistry 1 (72873)](https://www.pmf.unizg.hr/chem/en/course/anakem1_a)  Miljanić, S. | - | 75  (45P+30S ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=VhxtkAnaZQYruVWyrlDBkhuED5vDNug_eeYhWS1reNjQmix3bGCqIN7SLoCsS3k4DUStWW7ZQ1va2eBj9231bESXFHBMQeZ3MhJN6jWXwn5KXsr3A4HCNFFl-jJCJu_BlNLMn1JLU7V1NVOmRh-cuf9etKc=&_v1flags=HukS0y9eNMfwGeSvko84a810ja2hycfT-k0kw6vXkftjX5i76pdJzVfRzRt0_RMhhI8WLUkLFkgYF39hIozC9b0j95JiTh1EEPTDQSuApZzuMFvQibKywcvpRzhu2ayLnlZKC2l7aGOppulnoGnRlWjdk7XZr8vm7SvcR-DNdPjMcNaB&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [Analytical chemistry laboratory 1 (41018)](https://www.pmf.unizg.hr/chem/en/course/pak1_a)  Poje, N. | - | 60  (60L ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=wIdiRrSqvp0NrQfHK8wdtVmtdpJOWDyAgifTSEZZrPwyE26CHdXoSAGLlLdZPEfA41i1YJIN7eDmcyhYv2eNw7Gx2XQNrc_h4TS1FmWctaiPXtvOX3ilvfNVBaCNq6uZOGKbInWrFZ-8yRUhhSo0bUspxDk=&_v1flags=jAA-WpoUe1iAwrfApGgYGOzfOySrxF9qT8l_oP8TJpN29zA4rpFAjAk2ruJ3sJuDpRFjeBuEPD0pguvVYDbrV5_eQVc_Rpo7zN-87IxHnNoRIJkIPvKUBY5zRPQ8u4K5B_ZroNMrLx_KXbbnQUpisjElNUXHni5hQ8mpfIfg86uWA_DX&_lid=30775&_rand=0',%20'INFO')) |
| 2.0 | [Biology (72845)](https://www.pmf.unizg.hr/biol/en/course/bio_i)  Besendorfer, V.; Pavoković, D. | - | 45  (30P+15S ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=V7acNfkYK-gsjkQ1vYzSsSgF5X0dBJvIbghwvuqDhCV-1b6kJZmTJThCVD-RV0CU_iNYZk-DWSiFfqLmzJCMFJRvDQGUfwJLcXXWKeInR_VzWovcbW4U1lx81YeFbNLaueSOvINkbDsed6CjIlBsLTgaIVY=&_v1flags=8m8xt6uwAVjs6MArZqmXXIxH1l9PO-msePYwXwbStHlRSK-H5o_7dI2Lm_vURPmShpjfzLzgmmOOsRBssD4e7da52_JHB3sV7syDiAxh_OXO81imjQf5GDgFYh99u9Bt37jo9DVa-2jrp-dhic9fcKrn8pHnkVvY4V5hqHtNhEIOgmyI&_lid=30775&_rand=0',%20'INFO')) |
| 5.0 | [Mathematical methods in chemistry 1 (41008)](https://www.pmf.unizg.hr/chem/en/course/mmuk1)  Horvat, G. | - | 45  (30P+15S ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=-ZTboWRb6W2QVqhnZk9UaIZ8eHqjk5SVSnbMLw1_fpc_8jn1omTYYR4AvZDfRDSMj2KGT-zh4vuORkEmckRIn6z8CxPmxDbRhf9dmaOJvwKqXbUPV8sd3sbzuVb_rnPASfuWmIa14r6s9tDRipQaXklAvMk=&_v1flags=ezXUHm3zeujwstMu9_xoFNlEYvsVwL94R34BzuJOpxtaQDyLlm4OMxbYAoO09MbMSn5hpIUx-PIIFggncfE76mGMKKm0YpuVopUIczl4RTlv56t50TJm9H2SL-g4b4nQx-m77zTHbvRepdh7lC-rUJQzlP4dzzDJBjENOQNZcKeeuvWM&_lid=30775&_rand=0',%20'INFO')) |
| 6.0 | [Organic chemistry (72916)](https://www.pmf.unizg.hr/chem/en/course/orgkem_b)  Primožič, I.; Tomić-Pisarović, S.; Petrović Peroković, V. | - | 75  (60P+15S ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=hbgfREWVmVYqxXXTDYkVqlbwPKh7nKw2MUIh17cC4PsGRlYGqcG2YWAijGTZ95ZyM8WtxSmQRS4Il-8MqUDzQM7OwZULB30h-XOLwx3K67G9QEpF6X6OQ64h2SFCIFTaoJcJlhU8C1gs6UJ1GbuTD5cAbwk=&_v1flags=mACvjrTY9muxVDZYiROwPRzK3nDz7y_CzxOsAMjOCPtCOXi9wylidshrJZKQ2YLnLBNH2bAhn7_QlEOKcvR2Nxe_Q-KKhJhJSLxxbPUc8J61Xd0vgLY0bdQf3p2FxNuFmboZf4V7k1USEJfBV64EPuVzgYUO-HDgVCMTFmmBljT3qLwM&_lid=30775&_rand=0',%20'INFO')) |
| 8.0 | [Physical chemistry 1 (41009)](https://www.pmf.unizg.hr/chem/en/course/fizkem1_a)  Hrenar, T. | - | 105  (60P+45S ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=OE0rhBa12CXaUAjlGtasdgDpBk4WUrrgyZMs62M28RTMRG3tKtG5gxcNon81UdAjZBnzEEWVsNsrleGjVymvwecufe7VQwcPJ9MVRMZ-yw77wuj3bNOpI1VDkm4HhkbyahJ9THrLi71BOi-SeTzVi6UGXBU=&_v1flags=kdv49iJYxehW2z9BRgzOcKFDtMQuwjtjTo273Sxcw1xDeDbktSe3FGernh0Xs6M21y5Nk-jB7ZSi7lbjJmazS9KbJl8h-P72hKpSGiJHotw_s0qU3dpdH0pHo2FPWZokG5yAu7yCcLo-bPXmdScE8-QA0MGgPnuOLMh-2EKl8u9vSJAS&_lid=30775&_rand=0',%20'INFO')) |
| 0.0 | [Physical Education and Health Culture 3 (40849)](https://www.pmf.unizg.hr/en/course/tzk3)  Fučkar Reichel, K.; Vulić, J. | - | 30  ( ) | 3 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=ESJfNQ4RL16ovwv7BbxmEfu2YOiz_c51MPPI1HDLjFAvKgb6EvOOfXEYzJpzzKrtZ0LyTQ_ikTUglFF98a280b0ushPzKT-PlHyvkg39dviEaTkEN87m_WZ8wFt8rIU6FOrZnjnvRrhH1xFQYtObwHCkaIw=&_v1flags=EC_jtglwxbwGlBrar_b2rDrrENDJV-0suEtArn7NF6pZaf6cVsRAP2a9eQHwvWj2wRytlbTHT3EGr0NBojNPEsY2qG-B5Hvc3WbMUahlrrbytBvODklD504gObnkI-4t_DQQZOg-u4BIoG_WmWQzBbxKoHDflsdsm7icQUs8vJQucdbw&_lid=30775&_rand=0',%20'INFO')) |
| **4. semester, 2. year** | | | | | |
| ECTS | Mandatory courses | English level | Semester workload | Sem | INFO |
| 5.0 | [Analytical chemistry 2 (41010)](https://www.pmf.unizg.hr/chem/en/course/anakem2)  Novak, P. | - | 75  (45P+30S ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=Cln0b2XeLa31gZozMVHQtkKv1TaSmD5ObzrRcyMCqf-IY2g4ozDET2ys4YsglRuSPjb7dYh_WR5j5OVcVz5pzTX7Dpoc-YYZ6PX1n0L453zCyPR89kG071ubmDILwtQwwiz6dICtJwXKr6EvzbehMxi1Q8s=&_v1flags=PWLMbBRE-4VB4yRhUOPJ3KHu0ttdProRQ9ZvY25ZCKgyySSJx2wgViCtNBGaqSyFJBB-Y1TVMmGNl94KunfurVbAFVu6NKbuA441Em0rPkH6LQ9JSPcE26lx0925ENfKyKSC_ezI1l6MMl-Aun5KPH-uhY6RwAGKrp5yqLIUQr9vis1Z&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [Analytical chemistry laboratory 2 (72874)](https://www.pmf.unizg.hr/chem/en/course/pak2_b)  Poje, N. | - | 60  (60L ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=CUIhpTQrVLQB5DcFmbL7lqSPKz0tHBDidNJpwZecufTvro7UV26JVWBqxY-uvG5xfHNL2IV5lrrqbP-x7Xw5mni9UASI-eyvU-ybiQmHlRPrJvvHz-hfuy7srKjH4brZmXtijXErSJnwM4AhVKX0sunjQ_o=&_v1flags=lZ6b-IUOjF1fw6ss_yoV8XyBsa7gnnROJ-XKt_mXts7BrZ1clIgz9OME0dSWQqetqhbhaipDvJdETXvRt1jdIJdQwUqG396umRRz6Kn9QtD7UZJhtb9NsUXJ_PFM1SCzztAhC-LTF9E8nnO1bSWVy0teahbselaHcblHliE2BSpbNZpA&_lid=30775&_rand=0',%20'INFO')) |
| 5.0 | [Mathematical methods in chemistry 2 (41013)](https://www.pmf.unizg.hr/chem/en/course/mmuk2)  Bertoša, B. | - | 45  (30P+15S ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=lyjSkoDc6FxgofIr132QqkK36c0nZoahgCHW7QuLqWNxf3EKKJ978L8_Mlpm6DBvq0FC_X1Fcn55VU89aYAd_te8hf3AHwO21alWVsnBTSR6qypbu8TTWfKPcl64qZP-Wi6IjflFMIciBxmury2PJ8BcQS0=&_v1flags=O-WLCAuDHoeeZb0dhKf8o1lL8PGr5dFMqoVpk0DPAsiGbVTTLGMSW7hqioBw70cOLn6irnmZbIC35ACDAvupJRgQlPh3pIkhyjM83k-kX5W0uv-GYfXWRyLM06HbEbhOTDk7KXVp28KCV9RtB1clEcR2C52fRg0ZbT47npDCtwJQd2wI&_lid=30775&_rand=0',%20'INFO')) |
| 6.0 | [Organic chemistry (72918)](https://www.pmf.unizg.hr/chem/en/course/orgkem_c)  Primožič, I.; Tomić-Pisarović, S.; Petrović Peroković, V. | - | 75  (60P+15S ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=olLUB456NpKCm5WceA-75uCuxufkkmTs_xscYmOQ3BNeqOAx0kMT0Ms2Ecq8ZO758-VINEHWhSyt6PgrGVkbTi1cLyug1PMisuSR1_DPBuWe7u1xpb-bP44irGvV9ZuNJo6C4ejnAaP7xbCWrIroPGWaDiQ=&_v1flags=egrjZbiKmJImORahCuzIUc-UBRjF99Ej_KdaYC32tBY8VDhJUUNSqQhneIm7MXryE8dIsaFn3STB8ym6QUj9DRgDsDIu1AXA1ot-e-6cODafh5ob-sNzINGTyJjRMd3QSfcWk6giF-H0vdMM2ejfZ_fH-iJeDrJ6V8WCBjIXLXvxfgDb&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [Organic chemistry laboratory 1 (41058)](https://www.pmf.unizg.hr/chem/en/course/pok1)  Kodrin, I. | - | 60  (60L ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=pZw5duw8YrlwvBo1RnyPb7THWEydbWfCG6Qtdc5hZk8d-xSLWnLIlbc1b7VS1h4fmmXiLKixsDtMS0PUJRApcGkbJ0jahLzY3EoEM-fKJ4gDkaE7RAU-yTA2O2W2piQqD8IclarK5HTu1p_xibAu6eA0Rls=&_v1flags=GFrno8PnB_YY5BUdxphKUQFKGZ-x-fJXneNBbQlm5TgX6VH_Q7BZRo4YHeCXa4CHc5zCbOR37SC3msj200PJgH9oLdG_cdSxtviqZ0oyWv5CxQAh6fJi50nRfOoKJLnYImrBzptruup06Kwg-G_rWiMAfupj1s8FBHYtcXhstr9DX1T8&_lid=30775&_rand=0',%20'INFO')) |
| 8.0 | [Physical chemistry 2 (41014)](https://www.pmf.unizg.hr/chem/en/course/fizkem2)  Tomišić, V. | - | 105  (60P+45S ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=lLk9t1er3eZvDKymfnsntKs9eZW2pGjadqss1lV7LI1id8gliKbewHjqw2vPtlDr39WjYo0WBvGHMGY6CzGht5tQJSODeOKtHX5xSdy6IDp8VvvJnVClMXrRAwJ4jO1vakWRA7yi1tDxscnV5FsWEbK89_M=&_v1flags=GjMCOP2vhljt8SE4hyS8OQkHCZvg4j9dhy4drs3FFyGXST47l_f7Ee2pdtnyudRcjrst4dO82kEW0zzYzNeFDhli7k4Td7O93IkHP7QoI05Pe6brzdW8SzB8ZYeZ-FSnT2pUfswaKoahr68oc-i6M9sRu8Zjmzhh-QTtdDTa1wl0EPdj&_lid=30775&_rand=0',%20'INFO')) |
| 0.0 | [Physical Education and Health Culture 4 (40850)](https://www.pmf.unizg.hr/en/course/tzk4)  Fučkar Reichel, K.; Vulić, J. | - | 30  ( ) | 4 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=EYqdRH9JL-xXp44PvJKPKDjeEYLiccTpDBuEsRmpnZ9K9yUvLZnMtW-zUsRBTf__EwucgTOg8e63ny9_q2mTVD0W5tFJd3NhlPccnhVrwi5bqolF6Jf-WIcJ137yxtN00X9sM1kjmNuTWRlY1bVII2qDKuc=&_v1flags=7N2aORKPjFTDo_PX3jWjaGX-JVEQpcrGHviEzChNdYRJ2tnmilU5QSJNBRfIilYubesd1oR_4Mwe1yaS3zErX4HjI813dbEj4nKUUrKGFQnn1MCvP74rYovBimQCXwAujrvEr7CEHhj8vrqB25SbheR2ISqTSCpNMjychQiOoWacMe4N&_lid=30775&_rand=0',%20'INFO')) |
| **5. semester, 3. year** | | | | | |
| ECTS | Mandatory courses | English level | Semester workload | Sem | INFO |
| 7.0 | [General Biochemistry (72921)](https://www.pmf.unizg.hr/chem/en/course/opcbio)  Gruić Sovulj, I.; Močibob, M. | - | 90  (60P+30S ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=2jo2sITyxee1sbQfBBnQ6plYss8JHZsuFlb9Oe6uAc-3MooE9BlfVuRY0COD4_pJp0vqedWrJ0xpcgsAfeXr49uSf0jfLa-2HmvYwmUaxr4PUB7T2CpwlgkV3tkaBq_5Z3lnHejmPrAxUnFkQEEykCLPMkQ=&_v1flags=nMykgZFPpQ8NnrFYC_p7HIPC6vTdpWB9nr1yJl0axm3tPWW_Enn93avnciiYMsgfFPVUKo8poGJUTSdarTPRiFyKVYyk0jVEljhNCdaMLDNjPUqDQlr2Z4K6UWfKNgxm1kkkxHgf14Cg_0F2GX7Jin_jDMBJhprJg4FV3xzop2zBgRrN&_lid=30775&_rand=0',%20'INFO')) |
| 6.0 | [Inorganic chemistry 1 (72875)](https://www.pmf.unizg.hr/chem/en/course/anokem1_a)  Cindrić, M.; Stilinović, V. | - | 75  (45P+30S ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=pJqfH0tJY6_Lgt_61PgpVRwTNMkvMvMA9BD2pjbIGbhqCBaW943imA47h7JfENKwv5mTgiPIXRx1kqB0Bc9PiRJl_GhYCBaP8-Uif9Gh6VAEjhsl-S6LWqa2KG9rJWucuLyFcIDllMEzNf_BDi8ZHguRP3s=&_v1flags=K-riOMcRaSMuL7j7qVnMwYF5NzXzoTub1gKOwRMMDHg-4cee35pZnmXD_wP0RYB4F5ozyZ8RdFyytPFPxDBnUm5Y1XQ8VS9CHWnrAZlmPac6ejCxedkGyedN-yEDto-IKnTCIb1MXKO2dv_a9JvjgD2k4yrvYzM2EaKL1-WXOrJn_ov1&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [Inorganic chemistry laboratory 1 (72876)](https://www.pmf.unizg.hr/chem/en/course/pak1_c)  Vrdoljak, V. | - | 60  (60L ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=jmiW6ZgBO8gKmBA5a8dygako3nJ1Qnh3batVi7tiL4MyzrNO_58Bj3syRujfSWzwUU0g8S4RRXSJ_SxKwm0CHfqP4CIESaVprUlXPyoICK_rSacPVIAgjn3ivU2s_p6p9Rp3YJHtGFpA7ShF2v7kF017I44=&_v1flags=z8A9pCXNHEuzVvH-IachNYhzlFMDrIhzCgE2SG-rb7xzQQSZGLcoES__e-NID8UFfXVAVDnVNeDi7rOSZHO46M_Zhf79zoZw1KsZXXFpe6n7c3UB4X2KqbKytIKAie-p8AV3yzKSJW7Bw3zAv3AYE_IZi0PdBo_Wjwx2MQglvpt2eC_M&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [Molecular modelling (41061)](https://www.pmf.unizg.hr/chem/en/course/molmod)  Kodrin, I.; Mihalić, Z. | - | 45  (30P ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=hpSHgda_vbgnVpdIAz18UA5t8CN0Hiid0dsKnwE6r55fMdCAvJht5y59tVgLy3dhWHLVOkWOFuXwKYbx1kD8FC_tv_q8cxYB6uXpXU4QNAXSw69lRnKi5_VtUXXXWGX61Eo2BDapC-vdMY83S4wPPbvy6EE=&_v1flags=9qDP4apvEqKT8JQoY-0Pm-EiNPeAImAKN2i2Oqr6K5SbRV4VJUzxDXInDFTwRUbbW4038Pegs99LmDVBm9QqmAOh2rKYhcK7dABiTCcl7L9NCN92JrT5aYiBRRJY0ObxNpSLgvihAqO1xUQjI8FqmrhHYGbxS-SGkiPGqzlgWkUnep-p&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [Organic chemistry laboratory 2 (41063)](https://www.pmf.unizg.hr/chem/en/course/pok2)  Primožič, I.; Škalamera, Đ. | - | 60  (60L ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=utN0z6_v6Czjh4KuuqeUXPkjK6tHZxrjUofmbF7QX_KUe6-c7VI4bIWRgamy08b55X9j7DVX-emfujJb4SY67aJk9QE9MvbHBtN5RK7dFrK3UWjco6eAS7MDtOnvdLRrOB3f7uwGs_D1R9Fh5ts8wwlABu8=&_v1flags=obLtf2bYWo-XMWPGmtvOKl-wShgqt3hf_ms0rwVnDk1NUOsQfllJLjp5sJ6Br5VFsavcjNtTbVW8CE-V4AsDzWgOI3hiYLyK0qXh1NvT5JDFc688Swt0MGhyghYUIv92RXp3pXJXY6r23XYuLaMCEMZDDGEIzq1sI5nVF3NmXSfA39Qw&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [Physical chemistry laboratory 1 (41057)](https://www.pmf.unizg.hr/chem/en/course/pfk1)  Bregović, N.; Kovačević, D. | - | 60  (60L ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=rK4MTyTa6ntbUFbkr3mR4cCyM6ss3xs8ePp8K1WSBVH3NehCCeN_iKWr7n1uzYSgFNGBDkZbL-Gba-mnGYGVziCXkS1a1TcHnZ8vRhOXoHVloNzGkZepmh71fF1Rvr67JKrqchK6eHd6uoWHZwcTrqk5pcM=&_v1flags=MeqG7U3RyLGhjDNTU_LPt6ymycFlYWoPbZvHMHtPzqzx-mXT0P2qtbBfIvHgNJA9V_ORGgAkokXcJSXlj9qqCt_N-n1hpCWDK5z0WYUZpEuWk0eCQej5ObRmr0ApJsmilHpbLLEuud7mMtyd7aRBlIW7ssv6yEinOZPKXfAntsLs2Zmr&_lid=30775&_rand=0',%20'INFO')) |
| ECTS | Elective courses => PDK-izborni predmeti treće godine | English level | Semester workload | Sem | INFO |
| 3.0 | [Environmental chemistry (41023)](https://www.pmf.unizg.hr/chem/en/course/kemoko_a)  Preočanin, T. | - | 45  (30P+15S ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=FrJtkFfj1H7KDMzsMfzY0dT_5K9ZYcYpd3_uVfkKgrDgwwo3HmGu7fxydyRFnc15A1CnmQBY7_7HblJ_G5gsi1b2HXicwRYL-H5JuKl5IhCKPFPWh0nYVSHknV9QyDX3JHQJEKqNm_DzsFBXwejaKyLxUMI=&_v1flags=ojCeiw_fwJGHvi_x8piTigCT7GRla2DT7gN5A2WkHk7--f7wBvtM1gyHxuTyt4UBh_FmPvEuCeAx-BZVIl8ujOezvZdml2n_lkweo-0lEzp3q3w0Q3z6l7wpahq-Qmg4xA02sS-_um-1EK2uipIAWfu5Bx_8PBRlJh1S8cn3OVQlbOl7&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [History and philosophy of chemistry (72926)](https://www.pmf.unizg.hr/chem/en/course/pfk_c)  Stilinović, V.; Vančik, H. | - | 30  (30P ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=V73AznW9gkF4u8rspk-hrHl1dqierUqXkFORpMw2K__ETqwCDMXOKlO4BaRff_ttt0oO3LHfPW3ZjDwDjZr2FVB-pfIacySDWeOcrBWfTIc3lWVUBAp0OCF7rlp-PHaZq0kjjipqIVJtSfoJx4PNXfxqX9I=&_v1flags=1rvibk2VrK3nGEm06B-hrtmNPTsV-r9KVpLqj8CV0hEHeOxCXphUTq1ZUkQpb4p2TQ_jJbi-D2vzA-oQtnv19FCW_HnZaVtr0hJGYXojyQqRWwo9BPRr3eFCBz0O4rGfhkGaGiVKhphoxS2D7-kUKBxkz_JOWxPO7AkIstyzt3H--lGg&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [Mineralogy (72846)](https://www.pmf.unizg.hr/chem/en/course/min_a)  Tibljaš, D. | - | 45  (30P+15S ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=eCdAtyjUF826_tmIf4CKcfrRittJ9ZqDZ99h7V9w8B_WFP3Bx_SUhUizrGsQjwKXrK5TZDmkKmvPD7XsoEaqk3YUiECJbJIYUcTOy4zP7R6Wo1JPEtJEzKwcxDwq56sFP-s9I0-nF2EjB43zUHk7ckCxKho=&_v1flags=zCUsvbFR62NQlhXSEuXqC_XUNhRnXkd03oIalkTbDmFdis9dli4z2LaW5NWouuhqVV1zyB35yPVGl56EtQk0jymDUT_2IwWafw0Iyl-RIkyLUaIrfQU8f3Hk4XwYmjnfxvKPNw21DsXq-xgJluTDXbYA4tNh0PI0IMOGOeOkk1IbsY5o&_lid=30775&_rand=0',%20'INFO')) |
| 3.0 | [Selected topics in chemistry (41024)](https://www.pmf.unizg.hr/chem/en/course/opk)  Primožič, I.; Tomić-Pisarović, S.; Rončević, S. | - | 45  (30P+15S ) | 5 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=afw6WncvhRGS2u-mvG-9ihEsAMCdcV5rLpwufxSvgcWNXds_n9OSeQuaFPJzew1FXLQqaMdFALVJaB4rUh8xkLCb7etJgFhzAtr0LJQmv7sszF34UnUcwBnyqyvtwkuprHxTXqUvXi6-3fdIl5qy89oL5l8=&_v1flags=TDrF0vrPaBoJ43ofN6jP5vMiDpl5SeZuKV4-2jXx1mveO2qamMW_ci_cFl5ohxzawQDzRZ5n3e-vIhv1_u7pxi8tR5F9slVW7BEJDqiFa_E-5N6NpxUJdYHoD_tra2mu_oIfJExH8pUOc55IJv19H6sq8kedsQ2GGhMqKbW0X2PFCqp7&_lid=30775&_rand=0',%20'INFO')) |
| **6. semester, 3. year** | | | | | |
| ECTS | Mandatory courses | English level | Semester workload | Sem | INFO |
| 4.0 | [Biochemistry laboratory (72878)](https://www.pmf.unizg.hr/chem/en/course/prabio_c)  Močibob, M. | - | 60  (60L ) | 6 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=JoRmf8jUvxiR8FgU1HRloYsO0y6NPLK1psdwSOIAPkaDZqxN_gmLgA1-bLxruXMLPXveUKgq_6urdk9eSSbcnJF5250UeK64-1ndZkMsUCKgVxkw0a8XMKcLQpbxuFLjXRqF8grQhYB73FMKg5V6pU_UWgM=&_v1flags=BjyeTyWVR9QOuqHLQQPmDXq_I4fOTIQ7HxwgKxiy6dl-MCKHnRmsFbtXm4x5XXXNycYY01Pvxq0KPGwBSWp8P_E3Pm5hl7NS5bgSNl6NL87NhNx3-WPBHHYlbxsRhAw6fApMs4HSpAPdmY7_QSOXztYkfel8xd1MtdBc1sH7yHNasur-&_lid=30775&_rand=0',%20'INFO')) |
| 5.0 | [Final exam (43604)](https://www.pmf.unizg.hr/chem/en/course/zavisp) | - | 0  ( ) | 6 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=m6y4IWYSAq8-vOF6lYQxHLu3PwQpKgPl4o_fNUAUjWOyIYX2CWui6fUv3KInveCvrbLNUkn-g6wbP8w6Ct1HokXaGTzyiM-rgF4nk-rIgZvJCQXVckYoS2zgDYk1fFEcP9xrUvQfGk4fjAqwlTZT7hm9eCs=&_v1flags=6Cz5wpQbnrJEx1PbUt-npQ3Jb_7cw8M8ct0_ntg5hsMMjRi_0TKdlAloupZ2GdKbknxfVm9WM7vmL1nZ-dHjoH37LGY0w6A0ArNlH-YKLhRoOB5mcgdt7EB6FyHV9FIUr8Cf2nPa03oCGged_C__wagyOqR-bUrZZknjBLbe8HlMbuWR&_lid=30775&_rand=0',%20'INFO')) |
| 7.0 | [General Biochemistry (72922)](https://www.pmf.unizg.hr/chem/en/course/opcbio_a)  Gruić Sovulj, I.; Močibob, M. | - | 90  (60P+30S ) | 6 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=LQZh-y58H-tFv9okoGzx-Q_BVrpgsJXXZLE-SSewY068vcYNJBYCBTfHY2GpcK06mwVOBqhzUkr3y6-dnRFfQR42O-4s0fogOXLzrPeZyqP72GsD84FS8catrZTgN-sFP3d4GG_yfVYwrLef2fdEVhlOC-8=&_v1flags=wIK7sdPx3fUcdhUXfsjlRPcZvc_BMsHWIsk2_P21o0jTihnUmlJbulaUMWuLyUmUpVZEb6i7b3J6NS-rTwMtkG5dfWLmEIoxAsBdMHqg5dbAR164gWDRvhDb1rOfpS6TrMfa5bxVrSsOLddSvDoZ1Ys5dTDHtbnA2xYlXyJGbDuK0u1u&_lid=30775&_rand=0',%20'INFO')) |
| 6.0 | [Inorganic chemistry 2 (72877)](https://www.pmf.unizg.hr/chem/en/course/anokem2_a)  Cindrić, M.; Stilinović, V. | - | 75  (45P+30S ) | 6 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=3jHeJMSZrI75Pnh2VQli3azKd93JioprzAtMSS3HHLCSG45iJcnDF_vToXgQG2Va4T7D8ToWoHeM4kP-l7RW6p8W98VzV78zMgVzxriqTMIFz9BFK1_4YDUkP1e0AXWmHKHnzRR0nbP_AUBpxb0QC3E_2bE=&_v1flags=1hIK6n3ICfuOOxo6FdlSmlhJl_Cui-tP2HHiMFZcrevNj_BcFIfzSVeq0saZrYJFHDDPnIpBhZzly00hKkgly3I2dpqZoq2NRkpcWPUjov4utUwdbClTDMW1OlNsgm-H1VwUHI89Y1rJZ-OVkqanYKsx-1eYuyEarMcpd4Hi3LRreN5-&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [Inorganic chemistry laboratory 2 (41056)](https://www.pmf.unizg.hr/chem/en/course/pak2)  Vrdoljak, V. | - | 60  (60L ) | 6 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=mJxHXQjqNGd5ozz-bS_P1SFvxYAVBuuYZCatB36Rg4ksCDiEboWpDS8pb9ofSbwemUOSpQk__ga9ATS0Edf2QbXVyl6Zbwxy4CrnMZmi7MrKxBRY5B8o8sw3qEUdjQOgdWH58MUbolrSzwyCIHzNIQA3rng=&_v1flags=E2kP0KAyXfI1NJ12UuKMLN74MKJCjkzE9cbZkoNkfAUYPSE6QOWkj5uoynyAVYZ4EqcExuZUEEOQ0N7m8Uzu_GfBwVfpE0d26MGFuYeLhwfh08noVotPQJBGX3oMEqGgePyT4vc1gFNgeqNji92gAzRQCWte3BrmA9yU0WLlsUBSEAnP&_lid=30775&_rand=0',%20'INFO')) |
| 4.0 | [Physical chemistry laboratory 2 (41062)](https://www.pmf.unizg.hr/chem/en/course/pfk2)  Bregović, N.; Preočanin, T. | - | 60  (60L ) | 6 | [INFO](javascript:show_window('/.cms/predmet_info?_v1=Rsrk6VKKr6j-e1v4MM3o0kZl4ZvhQ0NdRx0I34aM3habydAFTmT7opLNfufYVBAK7c7fotzxWNFWOg0pCugjspNQKZwNcSLvsp3FQfszDNJXyB_3_UnwH1YV30dFa_7g-QgoD1sA15wPiIqDas7VX2tFcE0=&_v1flags=x2Zp0dyvIouMsakoTtxEwMD3cr-jmkv0P0aFO_oGiGfD2UbK7Bm_VL_Mopiuhvxx9pq-Fd0P70dnQ2xTHeBkyDLpBqhEAiYDTV7FuTQkcyi7iJrBH4SP8G0WsEx7Kur2Q08yzoMb9PaBv_vzONWHs0CEYbEhlQHqGeAsc7AGO4sg9U2T&_lid=30775&_rand=0',%20'INFO')) |