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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم يك علوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452001 | 45 | شيمي عمومي | 2 | 2 | - | پایه |  | | 1452002 | 45 | آزمايشگاه شيمي عمومي | 1 | - | 1 | " | هم زمان با شيمي عمومي | | 1452009 | 45 | زيست سلولي و مولكولي | 2 | 2 | - | " |  | | 1452004 | 45 | آناتومي | 2 | 5/1 | 5/0 | " |  | | 1452003 | 45 | مقدمات آزمایشگاه | 1 | 5/0 | 5/0 |  |  | | 1452007 | 45 | بيوشيمي عمومي | 3 | 3 | - | پايه | هم زمان با شيمي عمومي | | 1452008 | 45 | آزمايشگاه بيوشيمي عمومي | 1 | - | 1 | " | هم زمان با بیوشيمي عمومي | | 1452015 | 45 | كامپيوتر | 2 | 5/1 | 5/0 | عمومي |  | | 123 |  | تفسير موضوعي قرآن(خواهران) | 2 | 2 | - | " |  | |  | تفسير موضوعي قرآن (برادران) | | 105 |  | تربيت بدني 1(خواهران) | 1 | 1 | - | " |  | |  | تربيت بدني 1(برادران) | | 133 |  | زبان پيش | 2 | 2 | - | " | 30 % به پایین | | 1237 | 1 | کارگاه آشنایی با مقررات شورای انضباطی | 1 | 1 | - | " |  | | 1238 | 1 | کارگاه مهارتهای زندگی | 1 | 1 | - | " |  | | جمع واحد | | | 19 | | | | | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم دوعلوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452014 | 45 | روانشناسی عمومی | 2 | 2 | - | " |  | | 1452010 | 45 | فيزيولوژي | 2 | 2 | - | " | آناتومی | | 1452011 | 45 | آزمايشگاه فيزيولوژي | 1 | - | 1 | " | هم زمان با فيزيولوژي | | 1452005 | 45 | بافت شناسي | 1 | 1 | - | " |  | | 1452006 | 45 | آزمايشگاه بافت شناسي | 1 | - | 1 | " | هم زمان با بافت شناسي | | 1452020 | 45 | ميكروبشناسي عمومي | 2 | 2 | - | تخصصی | زيست شناسي سلولي و ملكولي | | 1452021 | 45 | آزمايشگاه ميكروبشناسي عمومي | 1 | - | 1 | " | هم زمان با ميكروبشناسي عمومي | | 1452012 | 45 | فيزيك حياتي | 2 | 2 | - | پایه | بیوشیمی عمومی | | 110 |  | تربيت بدني 2 (خواهران) | 1 | - | 1 | عمومي |  | |  | تربيت بدني 2 (برادران) | | 121 |  | انديشه 1(خواهران) | 2 | 2 | - | عمومي |  | |  | انديشه 1(برادران) | | 117 |  | زبان عمومي | 3 | 3 | - | " |  | | جمع واحد | | | 18 | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم سه علوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452018 | 45 | بيوشيمي پزشكي 1 | 2 | 2 | - | تخصصي | بيوشيمي عمومي | | 1452019 | 45 | آزمايشگاه بيوشيمي پزشكي 1 | 1 | - | 1 | " | هم زمان با بيوشيمي پزشكي 1 | | 1452016 | 45 | آمار حياتي و روش تحقیق | 2 | 2 | - | پایه |  | | 1452024 | 45 | ايمن شناسي پزشكي1 | 2 | 2 | - | تخصصی | میکروبشناسی عمومی | | 1452025 | 45 | آزمايشگاه ايمني شناسی پزشکی 1 | 1 | - | 1 | " | هم زمان با ايمن شناسي پزشکی 1 | | 1452048 | 45 | باكتري شناسي پزشكي | 2 | 2 | - | " | ميكروبشناسي عمومي- ایمنی شناسی پزشکی 1 | | 1452049 | 45 | آزمايشگاه باكتري شناسي پزشكي | 2 | - | 2 | " | هم زمان با باكتري شناسي پزشكي | | 1452017 | 45 | فوریت های پزشکی | 1 | 75/0 | 25/0 | پایه |  | | 1452057 | 45 | کارآموزی 1 | 2 | - | 2 | تخصصی |  | | 155 |  | دانش خانواده جمعیت (خواهران) | 2 | 2 | - | " |  | |  | دانش خانواده و جمعیت (برادران) |  | | 122 |  | انديشه اسلامي 2(خواهران) | 2 | 2 | - | " |  | |  | انديشه اسلامي 2(برادران) | | جمع واحد | | | 19 | | | | | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم چهارعلوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452029 | 45 | بيوشيمي پزشكي 2 | 3 | 3 | - | تخصصي | بيوشيمي پزشكي 1 | | 1452030 | 45 | آزمايشگاه بيوشيمي پزشكي 2 | 1 | - | 1 | " | هم زمان با بيوشيمي پزشكي 2 | | 1452026 | 45 | ويروس شناسي پزشكي | 2 | 75/1 | 25/0 | “ | ميكروبشناسي عمومي | | 1452022 | 45 | انگل شناسي 1 (كرمها) | 2 | 2 | - | " | زيست شناسي سلولي و ملكولي | | 1452023 | 45 | آزمايشگاه انگل شناسي 1 | 1 | - | 1 | " | هم زمان با انگل شناسي 1 | | 1452027 | 45 | خون شناسي (1) | 3 | 3 | - | " | فيزيولوژي | | 1452028 | 45 | آزمايشگاه خون شناسي (1) | 2 | - | 2 | " | هم زمان با خون شناسی 1 | | 1452013 | 45 | بهداشت عمومي و اپيدميولوژي | 1 | 1 | - | پایه |  | | 115 |  | ادبیات فارسی | 3 | 3 | - | عمومی |  | | 124 |  | تاريخ اسلام (خواهران) | 2 | 2 | - | " |  | |  | تاريخ اسلام (برادران) | | جمع واحد | | | 20 | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم شش علوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452046 | 45 | ايمونوهماتولوژي و انتقال خون | 2 | 2 | - | اختصاصي | خون شناسی 1 | | 1452047 | 45 | آزمايشگاه ايمونوهماتولوژي و انتقال خون | 1 | - | 1 | " | هم زمان با ايمونوهماتولوژي و انتقال خون | | 1452044 | 45 | قارچ شناسي پزشكي | 2 | 2 | - | " | ميكروبشناسي عمومي | | 1452045 | 45 | آزمايشگاه قارچ شناسي پزشكي | 1 | - | 1 | " | هم زمان با قارچ شناسي پزشكي | | 1452041 | 45 | هورمون شناسي | 2 | 75/1 | 0/25 | اختصاصي | بيوشيمي پزشكي 2 | | 1452055 | 45 | تکنیکهای مولکولی و پیشرفته آزمایشگاهی | 2 | 5/1 | 5/0 |  | ژنتیک پزشکی | | 1452033 | 45 | داروشناسی و سم شناسی | 2 | 2 | - | " | آسیب شناسی عمومی | | 1452034 | 45 | آزمايشگاه داروشناسی وسم شناسي | 1 | - | 1 | " | هم زمان با داروشناسی و سم شناسي | | 146 |  | اصول مبانی مدیریت خطر حوادث و بلایا | 2 | 2 | - | عمومی | ورودی 1400 به بعد | | 1452060 | 45 | کارگاه مبانی سنجش و اندازه شناسی در آزمایشگاه | 10 ساعت | | | |  | | 1452061 | 45 | کارگاه پدافند غیر عامل | 5 ساعت | | | |  | | 128 |  | تاريخ فرهنگ و تمدن اسلام و ايران (خواهران) | 2 | 2 | - | عمومي |  | |  | تاريخ فرهنگ و تمدن اسلام و ايران (برادران) | | 125 |  | انقلاب اسلامي ايران (خواهران) | 2 | 2 | - | " |  | |  | انقلاب اسلامي ايران (برادران) | | جمع واحد | | | 19 | | | | | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم پنج علوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452042 | 45 | خون شناسي (2) | 2 | 2 | - | " | خون شناسي (1) | | 1452043 | 45 | آزمايشگاه خون شناسي (2) | 1 | - | 1 | " | هم زمان با خون شناسي 2 | | 1452052 | 45 | اصول ايمني و حفاظت در آزمايشگاه | 1 | 1 | - | " | باکتری شناسی پزشكي، ويروس شناسي پزشكي | | 1452035 | 45 | انگل شناسي 2(تك ياخته و حشره) | 2 | 2 | - | " | انگل شناسي 1 | | 1452036 | 45 | آزمايشگاه انگل شناسي 2 | 1 | - | 1 | " | هم زمان با انگل شناسي 2 | | 1452037 | 45 | ایمنی شناسی پزشکی 2 | 1 | 1 | - | " | ایمنی شناسی پزشکی 1 | | 1452038 | 45 | آزمایشگاه ایمنی شناسی پزشکی2 | 1 | - | 1 | " | هم زمان با ایمنی شناسی پزشکی 2 | | 1452054 | 45 | ژنتيك پزشكي | 2 | 2 | - | " | بیوشیمی پزشکی 2- زيست شناسي سلولي و ملكولي | | 1452039 | 45 | متون انگليسي ترمينولوژي پزشكي | 2 | 2 | - | " | زبان عمومی | | 1452031 | 45 | آسيب شناسي عمومي | 2 | 2 | - | " | خون شناسی 1- بافت شناسي | | 1452032 | 45 | آزمايشگاه آسيب شناسي عمومي | 1 | - | 1 | " | هم زمان با آسيب شناسي | | 126 |  | اخلاق كاربردي(خواهران) | 2 | 2 | - | عمومي |  | |  | اخلاق كاربردي(برادران) | | جمع واحد | | | 18 | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم هشت علوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452059 | 45 | كارآموزي در عرصه | 10 | - | 10 | اختصاصي | كليه دروس نظري و عملي | | جمع واحد | | | 10 | | | | | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | كد درس | كد گروه | ترم هفت علوم آزمايشگاهي | جمع واحد | تئوري | عملي | نوع واحد | پيش نياز | | نام درس | | 1452053 | 45 | آشنايي با بيماريهاي داخلي | 2 | 2 | - | اختصاصي | خون شناسي 2، بيوشيمي پزشكي 2 | | 1452056 | 45 | سمينار | 1 | 1 | - | " | ارائه سال اخر | | 1452040 | 45 | اصول فني و نگهداري تجهيزات آزمايشگاهي | 1 | 1 | - | " | آزمایشگاه بيوشيمي پزشكي1، فيزيك حياتي | | 1452050 | 45 | تضمین کیفیت در آزمایشگاه | 2 | 2 | - |  | خون شناسي 2، بيوشيمي پزشكي 2 | | 1452051 | 45 | اصول مديريت و قوانين آزمايشگاه | 1 | 1 | - | " | همزمان با تضمین کیفیت در آزمایشگاه | | 1452058 | 45 | کارآموزی 2 | 4 | - | 4 |  | کارآموزی1-ارائه در سال آخر | | 1452062 | 45 | کارگاه کارآفرینی | 5 ساعت | | | |  | | 1452063 | 45 | کارگاه تعهد حرفه ای | 5 ساعت | | | |  | | جمع واحد | | | 11 | | | | | |