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4.

计算机科学与技术专业人才培养方案

一、专业名称及代码

二、培养目标

三、毕业要求

四、学制与学分

五、毕业与学位授予

六、课程设置及学时、学分

表三:课程设置及学时、学分比例表

九、教学计划（表四）



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| | (), 2018, 33(02): 84-88. DOI: 10.15873/j.cnki.jxjt.000226. [3] [J]. | | |
| | (), 2018, 20(03): 60-64. DOI: 10.19406/j.cnki.cqkjxyxbzkb.2018.03.016. [4] [J]. | | |
| | (), 2016, 54(06): 1388-1394. DOI: 10.13413/j.cnki.jdxblxb.2016.06.36. [5] [J]. | | |
| | (), 2016, 32(16): 16-18. DOI: 10.13398/j.cnki.issn1673-260x.2016.16.006. [1] KJ2019A1303 2019-2021 | | |
| | [2] gxyq2018116 2018-2019 | | |
| | [3] BYZ2018B03 , 2018-2021 | | |
| | [4] (KJ2013Z218) 2014-2016 | | |
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| | | [2] C 2016 9 [2016] 8 | | | | | |
| | | [1] [J]. , 2023, 9(10): 141-144+149. DOI: 10.19980/j.cnki.1593/G4.2023.10.034. | | | | | |
| | | [2] 3×3 [J]. , 2022, 41(11): 16-22. DOI: 10.16594/j.cnki.41-1302/g4.2022.11.006. | | | | | |
| | | [3] [J]. , 2022, 21(09): 28-35. DOI: 10.19552/j.cnki.issn1672-0601.2022.09.004. | | | | | |
| | | [4] [J]. , 2013, 28(08): 124-126. | | | | | |
| | | [5] [J]. , 2013, 16(02): 102-105. DOI: 10.13985/j.cnki.34-1227/c.2013.02.045. | | | | | |
| | | [1] 2017 | | | | | |
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| | <p>[3] 2019 [4] 2021</p> | | |
| | <p>[1] “ ” 2018 KJ2018A0821 6 [2] “ ” 2017 KJ2017A708 6 [3] 2020 202101202002 5 [4] 2019 gxgnfx2019063 3</p> <p>[1]Hu X, Sheng G, Zhang D, Li L. 2023. A novel residual block: replace Conv1× 1 with Conv3× 3 and stack more convolutions. PeerJ Computer Science 9. e1302 https://doi.org/10.7717/peerj-cs.1302 SCI</p> <p>[2]Hu X, Sheng G, Shi P, Ding Y. 2023. TbsNet: the importance of thin-branch structures in CNNs. PeerJ Computer Science 9. e1429 https://doi.org/10.7717/peerj-cs.1429 SCI</p> <p>[3]Lin L, Hengfei W, Xiujian H, et al. Evolutionary Algorithm for Multiobjective Optimization Based on Density Estimation Ranking[J]. WIRELESS COMMUNICATIONS & MOBILE COMPUTING, 2021, 2021. SCI</p> <p>[4]Sheng, Guanglei, Hu, et al. Multi-View Fuzzy Clustering and Its Application for Brain MRI Segmentation[J]. Journal of Medical Imaging and Health Informatics, 2019, 9(7). SCI</p> <p>[5]Jinlong Z, Xiujian H, Chao Z, et al. Multi-View Modeling Method for Functional MRI Images[J]. Journal of Medical Imaging and Health Informatics, 2021, 11(2). SCI</p> <p>[6]Sheng G, Zhang C, Wu H, et al. Stylistic data-driven possibilistic fuzzy clustering and real-life application on epilepsy biomedical electronic signals detection[J]. Journal of Ambient Intelligence and Humanized Computing, 2020(1): 1-12 DOI: 10.1007/s12652-020-02112-w SCI</p> <p>[7]RFID [J]. ' 5 ' I 12 DOI: 10. 12652-020 0 e I</p> | | |
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| | <p>[1] InAs/GaSb 1408085QA13 7</p> <p>[2] InAs/GaSb Y2JEF11002 10</p> <p>[3] KJ2017A406 6</p> <p>[4] 2020 100</p> <p>[1] Xi an g fei W ei , W ei yang W ang, Mid-infrared Optical absorpti on i n InAs/Al Sb/GaSb based quantum well system, Physi ca E: Low di mensi onal Systems and Nanostructures 117: 113801. (2020) SCI</p> <p>[2] Xi an g fei W ei , W ei yang W ang, Lei Xu, Sha Zhang, Ren Bi ng Tan, The Effects of Intense Terahertz Laser and Magneti c Fi el ds on Optical Properties of a Shallow Impurity i n Semi conductors i n the Faraday Configuration, physi ca status soli di (b), 1800211, 1-6 (2018) SCI</p> <p>[3] W ei yang W ang, Lei Xu, Xi an g fei W ei *, Sha Zhang, and Zhi kun Yao The effects of hydrostatic pressure and temperature on the nonli near optical properties of shallow donor impurities i n semi conductors i n a magneti c fi el d J. Appl. Phys. 127, 195903 (2020). SCI</p> <p>[4] W ei yang W ang, Luqi Gong, Lei Xu, Xi an g fei W ei * , Sha Zhang, The effects of hydrostatic pressure and temperature on photoi onizati on cross secti on of impurities i n semi conductors under magneti c and intense terahertz laser fi el ds, Opti cal Materi als 111 (2021) 110688. SCI</p> <p>[5] W ei yang W ang, Lei Xu, Xi an g fei W ei *, Sha Zhang, Intense-terahertz-laser modul ated photoi onizati on cross secti on of shallow donor impurity i n semi conductors i n a magneti c fi el d, Results i n Physi cs 20 (2021) 103692. SCI</p> <p>[6] InAs/GaSb Vol . 67, Nb. 18, 187301. (2018)</p> | | |
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| | DH4603B | 20 | 2020 | 64.6 |
| | DHSY-1A | 20 | 2020 | 112.88 |
| | DH-SVÆ-11 | 20 | 2020 | 69.36 |
| | DH4605SP | 20 | 2020 | 51.68 |
| | HG-YMC-1 | 20 | 2020 | 57.12 |
| | HG-JM | 20 | 2020 | 81.6 |
| / | DHQJ-5 | 20 | 2020 | 91 |
| | DH6105A | 20 | 2020 | 62.56 |
| | HG-CEX-WC | 20 | 2020 | 61.6 |
| | HG-SLJ | 20 | 2020 | 91.52 |
| | SV-HG-7A | 20 | 2020 | 81.6 |
| | HG-CEX-WC | 20 | 2020 | 61.6 |
| | HG-SLJ | 20 | 2020 | 91.52 |
| | SDS2102X-E | 20 | 2020 | 42 |
| | DH4520 | 20 | 2020 | 97.92 |

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| | DH0605 | 20 | 2020 | 126 |
| | DH-GD-6 | 20 | 2020 | 150 |
| | M10E | 41 | 2010 | 112.75 |
| EDA | OJ-EDA3000 | 19 | 2011 | 54.15 |
| | EKSI SVC/3 | 1 | 2012 | 3.5 |
| | TP-LINK SF1016S | 2 | 2013 | 0.66 |
| 51 | MT-1000-51 | 19 | 2014 | 26.22 |
| | pocket lab | 110 | 2021 | 96.5 |
| | Dai s-X86 | 19 | 2010 | 31.92 |
| | EKSI SVC/3 | 1 | 2010 | 3.5 |
| | SDS1120D | 1 | 2010 | 2.69 |
| | TP-LINK SF1016S | 2 | 2010 | 0.66 |
| | TD-ACS | 21 | 2014 | 97.86 |
| | SA1020 | 2 | 2014 | 58.46 |
| | V5.0 | 91 | 2020 | 57.33 |
| | V4.0 | 1 | 2020 | 14 |
| | V9.0 | 1 | 2020 | 2 |
| | OSS V5.0 | 1 | 2020 | 12 |
| | | 1 | 2020 | 1.39 |
| | I 420 | 1 | 2020 | 49 |
| | I 420 | 2 | 2020 | 78 |
| | VeritonD650 | 1 | 2020 | 3.5 |
| KVM | DL3708-B KVM | 1 | 2020 | 4 |
| | H3C EWP-UAP380-M&G | 1 | 2020 | 2.7 |
| UPS | C3KS UPS | 1 | 2020 | 6.7 |
| | OX21U-464 | 90 | 2020 | 189 |
| | 42U | 1 | 2020 | 2.5 |
| | 5120V2-28P-SI | 1 | 2020 | 2 |
| | H3C S5048PV3-EI | 2 | 2020 | 4 |
| | RG-RSR20-14E | 12 | 2018 | 65.64 |
| | RG-S5750C | 8 | 2018 | 81.54 |
| | RG-S2910-24GT4XS-E | 12 | 2018 | 59.9 |
| | RG-V86008 | 4 | 2018 | 34.27 |
| AP | RG-AP720-I | 8 | 2018 | 13.44 |
| | PG-RCM8-16 | 4 | 2018 | 30.24 |
| | RH2288 V3 | 1 | 2018 | 19.2 |
| | HP 282 | 24 | 2018 | 102.31 |
| | () | 1 | 2020 | 1 |
| | | 30 | 2020 | 150 |
| | | 1 | 2020 | 128 |
| | V1.0 | 1 | 2020 | 206 |
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| LOGO | | 2 | 2020 | 1.4 |
| | | 1 | 2020 | 70 |
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| - | PC | 4 | 2020 | 223.31 |
| - | PC | 3 | 2020 | 167.48 |
| - | PC | 1 | 2020 | 55.83 |
| | | 1 | 2020 | 32.21 |
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8.

校内专业设置评议专家组意见表

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