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| **Lista temelor pentru lucrările de disertaţie IS-EN** |
| **Anul universitar: 2023-2024** |

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| Nr. crt. | Temă proiect de diplomă: | Program de studii | Departa ment | Cadru didactic îndurmător |
| 1 | Research study on silos | ISE | DCMMGI | Șef lucr. dr. ing. Dragoș Voiculescu |
| 2 | Research on optimization of steel tanks | ISE | DCMMGI | Șef lucr. dr. ing. Dragoș Voiculescu |
| 3 | Research study on rectangular silos | ISE | DCMMGI | Șef lucr. dr. ing. Dragoș Voiculescu |
| 4 | Research on optimization of round steel silo roof | ISE | DCMMGI | Șef lucr. dr. ing. Dragoș Voiculescu |
| 5 | Research on optimization of round steel silo skirt | ISE | DCMMGI | Șef lucr. dr. ing. Dragoș Voiculescu |
| 6 | Research on thermal ratcheting for round steel silos | ISE | DCMMGI | Șef lucr. dr. ing. Dragoș Voiculescu |
| 7 | Consideration of second order effects in structural analyses in the future version of PrEN 1993-1-1 | ISE | DCMMGI | Conf. univ. dr. ing. Bogdan ȘTEFĂNESCU |
| 8 | The design of a traditional timber house "paianta" according to Eurocode 5 | ISE | DCCIUT | Sef lucrari dr. ing. Andreea Casuta |
| 9 | Construction engineering steps for a seismic isolated building with friction pendulum isolators | ISE | DCCIUT | Sef lucrari dr. ing. Andreea Casuta |
| 10 | Seismic vulnerability assessment for a pre-1963 industrial building | ISE | DCBA | Conf. dr. ing. Florin Pavel |
| 11 | General torsion effects on RC structures | ISE | DCBA | S.l. dr. ing. Dietlinde Kober |
| 12 | Base isolation of structures in long corner period areas | ISE | DCBA | S.l. dr. ing. Dietlinde Kober |
| 13 | Lightweight concrete efficiency in seismic areas | ISE | DCBA | S.l. dr. ing. Dietlinde Kober |
| 14 | Interference effect on wind-induced response of tall buildings | ISE | DMS | Conf.dr.ing. Mihail Iancovici |
| 15 | Wind-induced performance evaluation of buildings according to ASCE Prestandard provisions | ISE | DMS | Conf.dr.ing. Mihail Iancovici |
| 16 | Seismic performance evaluation of base isolated building structures | ISE | DMS | Conf.dr.ing. Mihail Iancovici |
| 17 | Seismic- and wind-induced loss estimation for building structures | ISE | DMS | Conf.dr.ing. Mihail Iancovici |
| 18 | AI-based seismic-induced damage evaluation of structures | ISE | DMS | Conf.dr.ing. Mihail Iancovici |
| 19 | Numerical data calibration based on wind tunnel measurements for buildings | ISE | DMS | Conf.dr.ing. Mihail Iancovici |
| 20 | The advantages of using lightweight concrete in multi-storey reinforced concrete structures in seismic areas | ISE | DCBA | S.l. dr. ing. Dietlinde Kober |