

| Name | Form of assessment |  |  |  |  |  |  | Credis | Toata cademic hours |  |  |  |  | Year 1 |  | Year 2 |  | Year 3 |  | Year4 |  | Assigned depatment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Semester 1 |  |  |  |  |  | Semester 2 | Semester 3 | Semester 4 | Semester 5 | Semester 6 | Semester 7 | Semester 8 |  |  |
|  | ${ }_{\substack{\text { Eramin } \\ \text { ation }}}^{\text {and }}$ | $n\left\|\begin{array}{l} \text { Passs } \\ \text { fait test } \end{array}\right\|$ |  | $\begin{array}{l\|} \hline \text { Tem } \\ \text { projet } \end{array}$ | course | Modue |  |  | Fat | $\stackrel{\text { As }}{\text { shedued }}$ |  | Coss- | Selfstudy | Contol | Credits | Credits | Credits | Credits | Credits | Credits | $\mathrm{credits}^{\text {s }}$ | Credis | code | Name |
| Бnok 1. Discipilines (modules) |  |  |  |  |  |  |  | 210 | 7560 | 3330.15 | 2844 | 3100.35 | 1129.5 | 28 | 31 | 25 | 27 | 28 | 26 | 27 | 18 |  |  |
| Core part |  |  |  |  |  |  |  | 99 | 3564 | 1595.1 | 1376 | 1372.65 | 596.25 | 21 | 23 | 16 | 12 | 15 | 6 | 6 |  |  |  |
| Socio-wumanitarian module |  | 7 |  |  |  |  |  | 13 | 468 | 188.9 | 120 | 159.85 | 119.25 | 4 |  | 4 |  | 3 |  | 2 |  |  |  |
|  |  |  |  |  |  |  |  | 4 | 144 | 48.25 | 30 | ${ }^{53}$ | 42.75 | 4 |  |  |  |  |  |  |  | 71 | Department of tisory |
| Philosonhy | 3 |  |  |  |  |  |  | 4 | 144 | 48.25 | 30 | ${ }^{53}$ | 42.75 |  |  | 4 |  |  |  |  |  | 72 | Department of Prilosophy and culurrogy, |
| Economics | 5 |  |  |  |  |  |  | 3 | 108 | 48.25 | 30 | ${ }^{26}$ | ${ }^{33.75}$ |  |  |  |  | 3 |  |  |  | 54 |  |
| Economy and managementit an entereprise |  | 7 |  |  |  |  |  | 2 | 72 | 44.15 | 30 | 27.85 |  |  |  |  |  |  |  | 2 |  | 52 | Depatment of Management |
|  |  | 13 | 24 |  |  |  |  | 8 | 288 | 184.6 | 176 | 103.4 |  | 2 | 2 | 2 | 2 |  |  |  |  |  |  |
|  |  | 13 | 24 |  |  |  |  | 8 | 288 | 184.6 | 176 | 103.4 |  | 2 | 2 | 2 | 2 |  |  |  |  | 45 | Department of foreign languages |
|  |  | 16 |  |  |  |  |  | 2 | 72 | 32.3 | 32 | 39.7 |  | 1 |  |  |  |  | 1 |  |  |  |  |
| Modul "Physical education and sport" |  | 1 |  |  |  |  |  | 1 | ${ }^{36}$ | 16.15 | 16 | 19.85 |  | 1 |  |  |  |  |  |  |  | 56 | Department of Physical education |
| Pasis of PEI |  | 6 |  |  |  |  |  | 1 | 36 | 16.15 | 16 | 19.85 |  |  |  |  |  |  | 1 |  |  | 56 | Department of Physical education |
| PRhysis and mathematical module | ${ }^{223}$ | 12 | 12 |  |  | ${ }_{3}^{1222}$ |  | 22 | 792 | 321.15 | 284 | 342.6 | 128.25 | 4 | ${ }^{14}$ | 4 |  |  |  |  |  |  |  |
|  | 2 | 1 |  |  |  | 22 |  | 7 | 252 | 125 | 104 | ${ }^{88,25}$ | 42.75 | 2 | 5 |  |  |  |  |  |  | 13 | Department of Applied mathematics and information technologies |
| Linear algera and matix theor |  |  | 1 |  |  | 1 |  | 2 | 72 | 24.45 | 22 | 47.55 |  | 2 |  |  |  |  |  |  |  | 13 |  |
|  |  |  | 2 |  |  | 2 |  | 2 | 72 | 24.45 | 22 | 47.55 |  |  | 2 |  |  |  |  |  |  | ${ }^{13}$ | (oepartener of topleed mathematic and |
|  | 2 |  |  |  |  |  |  | 4 | ${ }^{144}$ | 50.25 | ${ }^{46}$ | 51 | 42.75 |  | 4 |  |  |  |  |  |  | ${ }^{13}$ |  |
| Physics Module "Safe living environment" |  | 2 |  |  |  | ${ }^{23}$ |  | 7 | 252 | 97 | 90 | 112.25 | 42.75 |  | 3 | 4 |  |  |  |  |  | 25 | Departmentof frysis |
|  |  | 5 |  |  |  |  |  | 6 | 216 | 110.4 | 90 | 62.85 | 42.75 |  |  |  |  | 2 |  | 4 |  |  |  |
| Ecology nd eniviommental management |  | 5 |  |  |  |  |  | 2 | 72 | 46.15 | 30 | 25.85 |  |  |  |  |  | 2 |  |  |  | 44 | Department of Water bioresources and |
|  | , |  |  |  |  |  |  | 4 | 144 | 64.25 | 60 | 37 | 42.75 |  |  |  |  |  |  | 4 |  | 42 | Deepartment of Technosphere sestey and |
|  | 12 | 1 | 34 |  |  |  | 12 | 16 | 576 | 284.95 | 268 | 214.55 | 76.5 | 7 | 3 | 3 | 3 |  |  |  |  |  |  |
| General professional module <br> Intomatics | , |  |  |  |  |  |  | 5 | 180 | 78.25 | 74 | 59 | 42.75 | 5 |  |  |  |  |  |  |  | 12 |  |
| Engineeing graphics | 2 | 1 |  |  |  |  | 12 | 5 | 180 | 82.4 | 74 | 63.85 | ${ }^{33,75}$ | 2 | 3 |  |  |  |  |  |  | 32 |  |
| Eletrical engnineeing |  |  | 3 |  |  |  |  | 3 | 108 | 62.15 | 60 | 45.85 |  |  |  | 3 |  |  |  |  |  | 22 | Deepatment of Powe ergineering |
| Electronics |  |  | 4 |  |  |  |  | 3 | 108 | 62.15 | 60 | 45.85 |  |  |  |  | 3 |  |  |  |  | 12 |  |
| Professional module | ${ }^{24455}$ | 13 |  | 5 | 245 |  |  | 32 | 1152 | 472.8 | 406 | 449.7 | 229.5 | 3 | 4 | 3 | 7 | 10 | 5 |  |  |  |  |
| Proganming | , | ${ }^{1}$ |  |  | 2 |  |  | 7 | 252 | 115.4 | 106 | ${ }^{93.85}$ | 42.75 | 3 | 4 |  |  |  |  |  |  | 12 | Department of Control systems and |
| Computer engineering | 4 | ${ }^{3}$ |  |  | ${ }^{4}$ |  |  | 6 | 216 | 83.4 | 74 | 99.85 | ${ }^{33.75}$ |  |  | 3 | 3 |  |  |  |  | 12 |  |
| Opeational systems | 4 |  |  |  |  |  |  | 4 | 144 | 62.25 | 46 | 48 | 33.75 |  |  |  | 4 |  |  |  |  | 12 | Copartenen of contris sst |
| Pata bases | 5 |  |  |  | 5 |  |  | 5 | 180 | 67.25 | 60 | 70 | 42.75 |  |  |  |  | 5 |  |  |  | 12 | Peepateren of foritol |
|  | 5 |  |  | 5 |  |  |  | 5 | 180 | 68.25 | 60 | 69 | 42.75 |  |  |  |  | 5 |  |  |  | 12 | Peeparnerer of contro ssitems and |
|  | 6 |  |  |  |  |  |  | 5 | 180 | 76.25 | ${ }^{60}$ | 70 | 33.75 |  |  |  |  |  | 5 |  |  | 12 | Peparteren fo contrio ssitems and |
| Part formed by the educational process participants |  |  |  |  |  |  |  | 111 | 3996 | 1735.05 | 1468 | 1727.7 | 533.25 | 7 | 8 | 9 | 15 | ${ }^{13}$ | 20 | 21 | 18 |  |  |
| Socio-humanitarian module |  | 2228 | 1 |  |  |  |  | 10 | 360 | 164.75 | 154 | 195.25 |  | 2 | 6 |  |  |  |  |  | 2 |  |  |
|  |  | 2 |  |  |  |  |  |  | 72 | 32.15 | 30 | 39.85 |  |  | 2 |  |  |  |  |  |  | 73 |  |
|  |  | 8 |  |  |  |  |  | 2 | 72 | 36.15 | ${ }^{34}$ | 35.85 |  |  |  |  |  |  |  |  | 2 | 12 | Coematerer of contrio ssitems and |
| Basics of sociocultural communication |  | 22 | 1 |  |  |  |  | 6 | 216 | 96.45 | 90 | 119.55 |  | 2 | 4 |  |  |  |  |  |  |  |  |
| Scoil scence |  |  | 1 |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  | 2 |  |  |  |  |  |  |  | 73 |  |
| Cuturology and interaturara communictions |  | 2 |  |  |  |  |  | 2 | 72 | 32.15 | ${ }^{30}$ | 39.85 |  |  | 2 |  |  |  |  |  |  | 72 | Department of Philsosphy ynd culuroiogy |
| Psgchology of commulictions |  | 2 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 33.85 |  |  | 2 |  |  |  |  |  |  | 73 | Oen |
| Module "Basics of business communications" |  | 1 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  | 2 |  |  |  |  |  |  |  |  |  |
| Russian lagyugeg and cuture of speech |  | 1 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  | 2 |  |  |  |  |  |  |  | 55 | Departmento f fussian language |
| Physica and mathematical module | 33 |  | 44 |  | 3 | 3 |  | 14 | 504 | 224.1 | 182 | 212.4 | 67.5 |  |  | 7 | 7 |  |  |  |  |  |  |
|  | 3 |  |  |  |  | 3 |  | , | 108 | 48.55 | 30 | 25.7 | 33.75 |  |  | 3 |  |  |  |  |  | ${ }^{13}$ |  |
| Oiscrete mathematis | 3 |  |  |  | ${ }^{3}$ |  |  | 4 | 144 | 67.25 | 60 | ${ }^{43}$ | 33.75 |  |  | 4 |  |  |  |  |  | 12 |  |
| Mathenatical and intation modeling |  |  | 4 |  |  |  |  | 4 | 144 | 48.15 | 46 | 95.85 |  |  |  |  | 4 |  |  |  |  | 12 |  |
| Sseentific reaerch methods |  |  | 4 |  |  |  |  | 3 | 108 | 60.15 | 46 | 47.85 |  |  |  |  | 3 |  |  |  |  | 12 |  |
| General professional module | 14466 | 356 |  |  | 4 |  |  | 25 | 900 | 386.7 | 344 | 326.55 | 186.75 | 3 |  | 2 | 8 | 3 | 9 |  |  |  |  |
| Intadiction top prefesion | 1 |  |  |  |  |  |  | 3 | 108 | 46.25 | 30 | 28 | 33.75 | 3 |  |  |  |  |  |  |  | 12 |  |
| Mathenatical logic and dheory of aloprithm | 4 |  |  |  |  |  |  | ${ }_{4}$ | 144 | 64.25 | ${ }^{60}$ | 46 | 33.75 |  |  |  | 4 |  |  |  |  | 12 | Peeratrento fo control ssiems and |
| Heltheve Programming tectrologies | 4 | 3 |  |  | 4 |  |  | 6 | 216 | 83.4 | 74 | ${ }^{89.85}$ | 42.75 |  |  | 2 | 4 |  |  |  |  | 12 | Departerent fo contro s sstems and |
|  | 6 | 5 |  |  |  |  |  | 6 | 216 | 96.4 | 90 | ${ }^{85.85}$ | 33.75 |  |  |  |  | 3 | 3 |  |  | 12 | Peearterent of contris ssiems and |
| Metrology, standardization and cetification | 6 |  |  |  |  |  |  | 4 | 144 | 64.25 | 60 | 37 | 42.75 |  |  |  |  |  | 4 |  |  | ${ }^{11}$ | Department of Proudution processes |
| Project managenent |  | 6 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 33.85 |  |  |  |  |  |  | 2 |  |  | 51 | Depatment of Economics and finanes |
| Professional module | 56677 | 5 |  | 6 | 677 |  |  | 27 | 972 | 416.4 | 330 | 377.85 | 177.75 |  |  |  |  | 7 | 11 | 9 |  |  |  |
| Theoreicial foundidions of a atomated control |  | 5 |  |  |  |  |  | 3 | 108 | 46.15 | 30 | 61.85 |  |  |  |  |  | 3 |  |  |  | 12 | Deapaterer of contro ssitems and |
| Sotware engineering | 6 |  |  |  | 6 |  |  | 5 | 180 | 79.25 | 60 | 67 | 33.75 |  |  |  |  |  | 5 |  |  | 12 |  |
|  | 5 |  |  |  |  |  |  | 4 | ${ }^{144}$ | 62.25 | ${ }^{46}$ | 48 | ${ }^{33,75}$ |  |  |  |  | 4 |  |  |  | 12 | Peoraterer of corrol ssitems and |
| ADPMS architecture | 6 |  |  | 6 |  |  |  | 6 | 216 | 80.25 | 60 | 102 | 33.75 |  |  |  |  |  | 6 |  |  | 12 | Department of Control systems and computer engineering |
| Neevork intomation technoogy | 7 |  |  |  | 7 |  |  | 5 | 180 | ${ }^{81.25}$ | 74 | 56 | 42.75 |  |  |  |  |  |  | 5 |  | 12 | Peoraterer of corrol ssitems and |
| Systems modelling <br> Elective courses | 7 |  |  |  | 7 |  |  | 4 | 144 | 67.25 | 60 | ${ }^{43}$ | ${ }^{33.75}$ |  |  |  |  |  |  | 4 |  | 12 | Doeaterner fo contra ssstems and |
|  |  | 2 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  |  | 2 |  |  |  |  |  |  |  |  |
| Elective courses |  | 2 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  |  | 2 |  |  |  |  |  |  | 71 | Depatment of fistor |
|  |  | 2 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 33.85 |  |  |  |  |  |  |  |  |  | 71 | Department of fistory |
| Development of regional fishery complex |  | 7 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  |  |  |  |  |  |  | 2 |  |  |  |
| Intelectual proentry in pofessional a activies |  | 7 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 39.85 |  |  |  |  |  |  |  | 2 |  | 73 | ${ }^{\text {den }}$ |
| Leaal regulation of libor reations in a professional sphere |  | 7 |  |  |  |  |  | 2 | 72 | 32.15 | 30 | 33.85 |  |  |  |  |  |  |  | ${ }^{2}$ |  | 73 |  |
| Hective curses |  | 5 |  |  |  |  |  | 3 | 108 | 46.15 | 44 | 61.85 |  |  |  |  |  | 3 |  |  |  |  |  |
| Study of operations |  | 5 |  |  |  |  |  | 3 | 108 | 46.15 | 44 | ${ }^{61.85}$ |  |  |  |  |  | 3 |  |  |  | 12 | Department of Control systems and |
| Methos of ofopimization |  | 5 |  |  |  |  |  | 3 | 108 | 46.15 | 44 | 61.85 |  |  |  |  |  | 3 |  |  |  | 12 |  |
| Elective modules | 888 | 77778 |  | 8 | 8 |  |  | 26 | 936 | 400.5 | 324 | 434.25 | 101.25 |  |  |  |  |  |  | 10 | 16 |  |  |
| Elective module 1. ADPMS development | ${ }^{888}$ | 7777 |  | ${ }^{8}$ | ${ }^{8}$ |  |  | ${ }^{26}$ | 936 | 400.5 | 324 | 434.25 | 101.25 |  |  |  |  |  |  | 10 | 16 |  |  |
| ADPMS design teechnology | 8 | 7 |  | 8 |  |  |  | 7 | 252 | 108.4 | 90 | 109.85 | 33.75 |  |  |  |  |  |  | 2 | 5 | 12 |  |
| Study of roganizational management systems | ${ }^{8}$ | 7 |  |  | 8 |  |  | 6 | 216 | 87.4 | 70 | 99.85 | 33.75 |  |  |  |  |  |  | 2 | 4 | 12 | Department of Control systems and computer engineering |
| Human-mactine interation |  | 7 |  |  |  |  |  | - | 108 | 46.15 | 30 | ${ }^{61.85}$ |  |  |  |  |  |  |  | ${ }^{3}$ |  | 12 | Pemer |
| ADPMS Selibilily and qually |  | 7 |  |  |  |  |  | 3 | 108 | 46.15 | ${ }^{44}$ | ${ }^{61.85}$ |  |  |  |  |  |  |  | 3 |  | 12 |  |
| Expert sstems |  | 8 |  |  |  |  |  | ${ }^{3}$ | 108 | 50.15 | 40 | 57.85 |  |  |  |  |  |  |  |  | ${ }^{3}$ | 12 | Department of Control systems and |
| Real time sstems |  |  |  |  |  |  |  | 4 | 144 | 62.25 | 50 | 48 | 33.75 |  |  |  |  |  |  |  | 4 | 12 | (eamen |
| Elective module 2 2. ADPMS operation $\quad 8888$ |  | 77778 |  | ${ }^{8}$ | 8 |  |  | ${ }^{26}$ | 936 | 400.5 | 324 | 434.25 | 101.25 |  |  |  |  |  |  | 10 | 16 |  |  |
| ADPMS Lechnical support |  | 7 |  | 8 |  |  |  | 7 | 252 | 108.4 | 90 | ${ }^{109.85}$ | ${ }^{33.75}$ |  |  |  |  |  |  | 2 | 5 | 12 | Department of Control systems and |
| ADPMS administation |  | 7 |  |  | 8 |  |  | 6 | 216 | 87.4 | 70 | 99.85 | 33.75 |  |  |  |  |  |  | 2 | 4 | 12 |  |
| ADPMS design basics |  | 7 |  |  |  |  |  | ${ }^{3}$ | 108 | 46.15 | ${ }^{30}$ | ${ }^{61.85}$ |  |  |  |  |  |  |  | 3 |  | 12 |  |
| Intomation supporto fodopms |  | 7 |  |  |  |  |  |  | 108 | 46.15 | ${ }^{44}$ | ${ }^{61.85}$ |  |  |  |  |  |  |  | 3 |  | 12 | $\begin{aligned} & \text { Department of Control systems and } \\ & \text { computer engineering } \end{aligned}$ |
| ADPMS software |  | 8 |  |  |  |  |  | 3 | 108 | 50.15 | 40 | 57.85 |  |  |  |  |  |  |  |  | 3 | 12 | (eameme |
| Intomation security spstens |  |  |  |  |  |  |  | ${ }^{4}$ | ${ }^{144}$ | 62.25 | ${ }^{50}$ | ${ }^{48}$ | 33.75 |  |  |  |  |  |  |  | 4 | 12 |  |
| $\begin{aligned} & \text { Unit 2.Practical training } \\ & \text { Core part } \end{aligned}$ |  |  |  |  |  |  |  | 21 | 756 | 756 |  |  |  |  | 3 |  | 6 |  | 6 |  |  |  |  |
|  |  |  |  |  |  |  |  | 18 | 648 | 648 |  |  |  |  | 3 |  | 6 |  | 6 |  | 3 |  |  |



