

| | |
|---------------------------|---|
| Opiskelija, henkilötunnus | Bhagya Madurangi Collas, 140298-736N |
| OID-tunnus | 1.2.246.562.24.39743268015 |
| Tutkinto-ohjelma, laajuus | Bachelor's Degree Programme in Information and Communications Technology, 240,00 op |
| Suuntautumisvaihtoehto | |
| Suoritettut opinnot | 108,00 op |

| <u>Opinnot</u> | <u>Laajuus (op)</u> | <u>Arvosana</u> | <u>Päivämäärä</u> |
|----------------|---------------------|-----------------|-------------------|
|----------------|---------------------|-----------------|-------------------|

STUDENT WELLBEING IN STUDIES AND AT WORK

| | | | |
|---|------|---|------------|
| ZZPP0520 Osaajana kehittyminen | 5,00 | | |
| Reporting | | H | 25.5.2023 |
| Module 1: Orientation to Studies | 1,00 | H | 24.5.2023 |
| Module 2: JAMK as Study environment | 1,00 | H | 24.5.2023 |
| Module 3: Study- and Work Well Being | 1,00 | H | 24.5.2023 |
| Module 4: Working Life Skills | 1,00 | H | 20.11.2024 |
| Module 5: Career Planning and PLP discussions | | | |

LANGUAGES AND COMMUNICATION STUDIES 11,00

| | | | |
|--|------|---|------------|
| ZZPC0220 Työelämän englanti | 4,00 | 4 | 31.12.2023 |
| ZWPC0420 Communication Skills for Working Life | 3,00 | 3 | 31.12.2023 |
| ZWPC0820 Finnish 1 | 4,00 | 4 | 26.4.2023 |

FUTURE FACTORY 2,00

| | | | |
|-------------------------|------|---|-----------|
| ZZPP0740 JAMK InnoFlash | 2,00 | H | 8.12.2022 |
|-------------------------|------|---|-----------|

BASIC ENGINEERING MATHEMATICS AND PHYSICS 15,00

| | | | |
|--|------|---|------------|
| TZLM1300 Mat1 Yhtälöt | 3,00 | 5 | 19.12.2022 |
| TZLM2300 Mat2 Funktiot | 3,00 | 5 | 7.3.2023 |
| TZLM3300 Mat3 Derivaatta ja integraali | 3,00 | 5 | 2.5.2023 |
| TZLF1300 Fys1 Voima ja liike | 3,00 | 5 | 1.5.2023 |
| TZLF2300 Fys2 Energia | 3,00 | 5 | 7.12.2023 |

MATEMATIIKAN JA LUONNONTIETEIDEN SOVELTAMINEN TIETO- JA VIESTINTÄTEKNIKKASSA 8,00

| | | | |
|---|------|---|------------|
| TZLF8020 Fys4 - Laboraatiot | 2,00 | 4 | 15.12.2023 |
| TZLM4300 Mat4 Diskreetti matematiikka | 3,00 | 5 | 19.12.2023 |
| TZLM7050 Sovellettu matematiikka: Vektorit ja matriisit | 3,00 | H | 18.12.2023 |

Opiskelija, henkilötunnus

Bhagya Madurangi Collas, 140298-736N

OID-tunnus

1.2.246.562.24.39743268015

OpinnotLaajuus (op)ArvosanaPäivämäärä**SUPPORT STUDIES****7,00**

TZMV0300 Matematiikkaan valmistavat opinnot

3,00

H

24.10.2022

TZMV1100 Mat1 Tukiopinnot

1,00

H

9.12.2022

TZMV2100 Mat2 Tukiopinnot

1,00

H

7.3.2023

TZMV3100 Mat3 Tukiopinnot

1,00

H

2.5.2023

TTZW0410 Git -versionhallinta ja Gitlab -projektien hallintaympäristö

1,00

H

23.11.2022

TIC, INFORMATION TECHNOLOGY**21,00**

ZZPP0420 ICT-valmiudet

3,00

H

7.11.2022

TTC1010 IT-palvelualustat

3,00

5

11.12.2023

TTC1030 Tietoverkot

5,00

3

3.5.2023

TTC1040 Linuxin käyttö ja hallinta

5,00

5

2.12.2022

TTC1060 Digitaalitekniikka ja laitetekniikka

5,00

2

24.4.2023

TIC, SOFTWARE ENGINEERING**28,00**

TTC2010 Web-tekniikat

4,00

2

19.12.2022

TTC2020 Tietokannat

4,00 h1

5

28.3.2022

TTC2030 Ohjelmoinnin perusteet

5,00

5

12.12.2022

TTC2040 Johdanto IoT -järjestelmiin

3,00

3

7.12.2023

TTC2060 Skriptaamisen ja automatisoinnin perusteet

3,00

5

7.12.2023

TTC2070 Projektitoiminta ja käytänteet

4,00

H

24.11.2023

TTC2080 Full Stack -ohjelmointi

5,00

4

13.12.2023

APPLICATION DEVELOPMENT**5,00**

TTC8410 Web-visualisointi

5,00

4

27.11.2024

ELECTIVE PROFESSIONAL STUDIES**5,00**

Team&Client Project Course, Teaching

5,00 h2

H

8.5.2023

ELECTIVE STUDIES**2,00****Talent Boost: Integration into Finland****2,00**

ZW00BS75 Integration into the Finnish Society

2,00

H

6.1.2023

Hyväksilukeminen

Arviointiasteikko: Erinomainen (5), kiitettävä (4), hyvä (3), tyydyttävä (2), välttävä (1), hyväksytty (H) tai hylätty (0).

Opiskelija, henkilötunnus

Bhagya Madurangi Collas, 140298-736N

OID-tunnus

1.2.246.562.24.39743268015

h1 = Tietokannat, 28.3.2022, Jyväskylän ammattikorkeakoulu

h2 = Team&Client Project Course, Teaching, 8.5.2023, Jyväskylän yliopisto

SÄÄDÖKSET

Opintojen mitoituksen peruste on opintopiste (op). Yhden lukuvuoden opintojen suorittamiseen keskimäärin vaadittava 1 600 tunnin työpanos vastaa 60 opintopistettä. (A 1129/2014 § 3.).

| | |
|---|---|
| Student, National Identification Number | Bhagya Madurangi Collas, 140298-736N |
| OID | 1.2.246.562.24.39743268015 |
| Degree Programme, credits | Bachelor's Degree Programme in Information and Communications Technology, 240.00 cr |
| Specialisation Completed | 108.00 cr |

| <u>Studies</u> | <u>Credits</u> | <u>Grade</u> | <u>Date</u> |
|----------------|----------------|--------------|-------------|
|----------------|----------------|--------------|-------------|

STUDENT WELLBEING IN STUDIES AND AT WORK

| | | | |
|---|------|---|------------|
| ZZPP0520 Development as an Expert | 5.00 | | |
| Reporting | | P | 25.5.2023 |
| Module 1: Orientation to Studies | 1.00 | P | 24.5.2023 |
| Module 2: JAMK as Study environment | 1.00 | P | 24.5.2023 |
| Module 3: Study- and Work Well Being | 1.00 | P | 24.5.2023 |
| Modules 4: Working Life Skills | 1.00 | P | 20.11.2024 |
| Module 5: Career Planning and PLP discussions | | | |

LANGUAGES AND COMMUNICATION STUDIES 11.00

| | | | |
|--|------|---|------------|
| ZZPC0220 English for Working Life | 4.00 | 4 | 31.12.2023 |
| ZWPC0420 Communication Skills for Working Life | 3.00 | 3 | 31.12.2023 |
| ZWPC0820 Finnish 1 | 4.00 | 4 | 26.4.2023 |

FUTURE FACTORY 2.00

| | | | |
|-------------------------|------|---|-----------|
| ZZPP0740 JAMK InnoFlash | 2.00 | P | 8.12.2022 |
|-------------------------|------|---|-----------|

BASIC ENGINEERING MATHEMATICS AND PHYSICS 15.00

| | | | |
|--|------|---|------------|
| TZLM1300 Math1 Equations | 3.00 | 5 | 19.12.2022 |
| TZLM2300 Math2 Functions | 3.00 | 5 | 7.3.2023 |
| TZLM3300 Math3 Derivative and Integral | 3.00 | 5 | 2.5.2023 |
| TZLF1300 Phys1 Force and Motion | 3.00 | 5 | 1.5.2023 |
| TZLF2300 Phys2 Energy | 3.00 | 5 | 7.12.2023 |

MATHEMATICS AND APPLYING OF NATURAL SCIENCES IN INFORMATION AND COMMUNICATION TECHNOLOGY 8.00

| | | | |
|---|------|---|------------|
| TZLF8020 Physics 4 - Laboratory work | 2.00 | 4 | 15.12.2023 |
| TZLM4300 Math4 Discrete Mathematics | 3.00 | 5 | 19.12.2023 |
| TZLM7050 Applied mathematics: Vectors and | 3.00 | P | 18.12.2023 |

Student, National Identification
Number

Bhagya Madurangi Collas, 140298-736N

OID

1.2.246.562.24.39743268015

| <u>Studies</u> | <u>Credits</u> | <u>Grade</u> | <u>Date</u> |
|--|----------------|--------------|-------------|
| Matrices | | | |
| SUPPORT STUDIES | 7.00 | | |
| TZMV0300 Preparatory Mathematics | 3.00 | P | 24.10.2022 |
| TZMV1100 Math1 Support | 1.00 | P | 9.12.2022 |
| TZMV2100 Math2 Support | 1.00 | P | 7.3.2023 |
| TZMV3100 Math3 Support | 1.00 | P | 2.5.2023 |
| TTZW0410 Git -version control and Gitlab -project management environment | 1.00 | P | 23.11.2022 |
| TIC, INFORMATION TECHNOLOGY | 21.00 | | |
| ZZPP0420 ICT Skills | 3.00 | P | 7.11.2022 |
| TTC1010 IT Service Platforms | 3.00 | 5 | 11.12.2023 |
| TTC1030 Data Networks | 5.00 | 3 | 3.5.2023 |
| TTC1040 Linux Basics | 5.00 | 5 | 2.12.2022 |
| TTC1060 Digital Technology and Hardware | 5.00 | 2 | 24.4.2023 |
| TIC, SOFTWARE ENGINEERING | 28.00 | | |
| TTC2010 Web Technologies | 4.00 | 2 | 19.12.2022 |
| TTC2020 Databases | 4.00 h1 | 5 | 28.3.2022 |
| TTC2030 Basics of Programming | 5.00 | 5 | 12.12.2022 |
| TTC2040 Introduction to IoT-systems | 3.00 | 3 | 7.12.2023 |
| TTC2060 Basics of Scripting and Automatization | 3.00 | 5 | 7.12.2023 |
| TTC2070 Project Management and Practices | 4.00 | P | 24.11.2023 |
| TTC2080 Full Stack Programming | 5.00 | 4 | 13.12.2023 |
| APPLICATION DEVELOPMENT | 5.00 | | |
| TTC8410 Web Visualization | 5.00 | 4 | 27.11.2024 |
| ELECTIVE PROFESSIONAL STUDIES | 5.00 | | |
| Team&Client Project Course, Teaching | 5.00 h2 | P | 8.5.2023 |
| ELECTIVE STUDIES | 2.00 | | |
| Talent Boost: Integration into Finland | 2.00 | | |
| ZW00BS75 Integration into the Finnish Society | 2.00 | P | 6.1.2023 |

3.12.2024

Student, National Identification
Number

Bhagya Madurangi Collas, 140298-736N

OID

1.2.246.562.24.39743268015

Recognition of Studies

h1 = Databases, 28.3.2022, JAMK University of Applied
Sciences

h2 = Team&Client Project Course, Teaching, 8.5.2023, University of
Jyväskylä

REGULATIONS

The studies are measured in credits (cr). A student's average study effort of 1,600 hours required for the completion of studies during one academic year corresponds to 60 credits. (Decree 1129/2014 § 3.) The Finnish credits are equivalent to the ECTS credits..

The Finnish grades are converted to ECTS grades as follows (ECTS grades in brackets): 5 (A), 4 (B), 3 (C), 2 (D), 1 (E), 0/fail (F or FX).