

# COURSE EVALUATION RESULTS

## Autumn semester 2020

## Introduction

- Course evaluation data cover all ITU BSc, MSc and professional master study programmes.
- Survey data were collected:
  - BSc and MSc, Autumn semester: Week 49
  - Master courses, Autumn Semester: After each course (week 39, 40, 41, 50 and 51)
- Survey questions:
  1. Overall, I benefited from the course.
  2. The course was organized in a way that helped me learn.
- Scale:
  1. Strongly disagree
  2. Disagree
  3. Somewhat disagree
  4. Somewhat agree
  5. Agree
  6. Strongly agree

## ITU average

ITU courses taught in Autumn 2020 scored 4.60 in average with an average response rate of 23 %.

## Results per course

Autumn semester 2020<sup>1</sup>.

| Study Programme | Course name   | Enrolled students | Response rate | Average score question 1 | Average score question 2 | Average score (question 1+2) |
|-----------------|---|-------------------|---------------|--------------------------|--------------------------|------------------------------|
| B-DDIT          | Totals  | 489               | 29%           | 5,0                      | 4,6                      | 4,8                          |
|                 | Digital Data Analysis (Autumn 2020)                                     | 63                | 30%           | 4,7                      | 4,8                      | 4,8                          |
|                 | Digital Design and Interactive Technologies - Foundations (Autumn 2020) | 49                | 39%           | 5,4                      | 4,9                      | 5,1                          |
|                 | Interaction Design: Concepts and Perspectives (Autumn 2020)             | 49                | 35%           | 5,5                      | 5,3                      | 5,4                          |
|                 | Introduction to Programming (Autumn 2020)                               | 48                | 38%           | 5,5                      | 5,2                      | 5,4                          |
|                 | Konceptudvikling med virksomheder (Autumn 2020)                         | 52                | 12%           | 4,8                      | 4,2                      | 4,5                          |
|                 | Kvalitative forskningsmetoder og akademisk formidling (Autumn 2020)     | 49                | 10%           | 5,0                      | 4,6                      | 4,8                          |
|                 | Philosophy of Science and Technology, DMD/B-DDIT (Autumn 2020)          | 58                | 31%           | 5,1                      | 4,8                      | 4,9                          |
|                 | Physical Computing (Autumn 2020)  | 58                | 28%           | 5,4                      | 5,1                      | 5,3                          |
|                 | User Interface Design (Autumn 2020)                                     | 63                | 35%           | 3,8                      | 2,9                      | 3,4                          |
| B-DS            | Totals  | 635               | 20%           | 4,7                      | 4,3                      | 4,5                          |
|                 | Data Science in Research, Business and Society (Autumn 2020)            | 87                | 28%           | 4,3                      | 3,3                      | 3,8                          |
|                 | Introduction to Data Science and Programming (Autumn 2020)              | 82                | 30%           | 5,3                      | 4,4                      | 4,8                          |
|                 | Introduction to Database Systems, DS (Autumn 2020)                      | 52                | 19%           | 5,4                      | 5,1                      | 5,3                          |
|                 | Linear Algebra and Optimisation (Autumn 2020)                           | 93                | 26%           | 5,0                      | 4,8                      | 4,9                          |
|                 | Machine Learning (Autumn 2020)  | 66                | 11%           | 5,3                      | 4,4                      | 4,9                          |

<sup>1</sup> Figures were pulled from ITUs Data Warehouse 15-02-2021 and may be subject to minor adjustments.

| Study Programme    | Course name   | Enrolled students | Response rate | Average score question 1 | Average score question 2 | Average score (question 1+2) |
|--------------------|---|-------------------|---------------|--------------------------|--------------------------|------------------------------|
|                    | Network Analysis (Autumn 2020)  | 60                | 10%           | 5,0                      | 5,2                      | 5,1                          |
|                    | Operating Systems and C (Autumn 2020)   | 43                | 21%           | 3,6                      | 3,3                      | 3,4                          |
|                    | Security and Privacy (Autumn 2020)  | 54                | 13%           | 4,9                      | 4,9                      | 4,9                          |
|                    | Software Development and Software Engineering (Autumn 2020)                           | 46                | 15%           | 4,3                      | 4,7                      | 4,5                          |
|                    | Technical Communication (Autumn 2020)   | 52                | 15%           | 3,5                      | 3,6                      | 3,6                          |
| B-GBI              | Totals  | 642               | 23%           | 4,7                      | 4,6                      | 4,7                          |
|                    | Business Foundations (Autumn 2020)  | 81                | 9%            | 5,0                      | 4,7                      | 4,9                          |
|                    | Enterprise Systems and Information Management (Autumn 2020)                           | 60                | 35%           | 5,2                      | 5,1                      | 5,2                          |
|                    | Entrepreneurship and Business Decisions (Autumn 2020)                                 | 32                | 28%           | 2,6                      | 2,6                      | 2,6                          |
|                    | Introduction to Programming (Autumn 2020)   | 80                | 21%           | 5,1                      | 4,6                      | 4,9                          |
|                    | IT-Enabled Supply Chain Management (Autumn 2020)                                      | 61                | 13%           | 4,9                      | 4,4                      | 4,6                          |
|                    | IT, Globalisation and Culture (Autumn 2020)   | 60                | 20%           | 4,2                      | 4,3                      | 4,2                          |
|                    | Managing Sustainability (Autumn 2020)   | 15                | 13%           | 3,5                      | 3,0                      | 3,3                          |
|                    | Networked Media and Communication (Autumn 2020)                                       | 94                | 56%           | 4,8                      | 4,8                      | 4,8                          |
|                    | Organisation and Process Theory (Autumn 2020)   | 68                | 6%            | 3,5                      | 4,0                      | 3,8                          |
|                    | Society and Technology (Autumn 2020)  | 91                | 15%           | 5,5                      | 5,6                      | 5,5                          |
| B-SWU              | Totals  | 1333              | 23%           | 4,9                      | 4,6                      | 4,7                          |
|                    | Analysis, Design and Software Architecture (Autumn 2020)                              | 156               | 10%           | 4,4                      | 4,0                      | 4,2                          |
|                    | Distributed Systems, BSc (Autumn 2020)  | 143               | 15%           | 4,5                      | 4,2                      | 4,4                          |
|                    | Forretningsprocesser og organisation (Autumn 2020)                                    | 103               | 36%           | 4,1                      | 3,6                      | 3,8                          |
|                    | Foundations of Computing - Discrete Mathematics BSc (Autumn 2020)                     | 192               | 35%           | 5,0                      | 4,5                      | 4,7                          |
|                    | Grundlæggende programmering (Autumn 2020)   | 180               | 33%           | 5,6                      | 5,3                      | 5,5                          |
|                    | Introduction to Database Systems, SWU (Autumn 2020)                                   | 139               | 14%           | 5,4                      | 5,5                      | 5,4                          |
|                    | Operating Systems and C (Autumn 2020)   | 113               | 6%            | 4,9                      | 4,6                      | 4,7                          |
|                    | Programmer som data (Autumn 2020)   | 116               | 4%            | 4,0                      | 4,0                      | 4,0                          |
|                    | Projektarbejde og kommunikation (Autumn 2020)   | 191               | 39%           | 4,7                      | 4,6                      | 4,7                          |
| M-ILM              | Totals  | 166               | 45%           | 5,3                      | 4,9                      | 5,1                          |
|                    | Digitalisering i det offentlige (Autumn 2020)   | 18                | 83%           | 5,4                      | 5,5                      | 5,4                          |
|                    | Enterprise Architecture, Master (Autumn 2020)   | 30                | 43%           | 5,4                      | 4,7                      | 5,0                          |
|                    | IT Project and Portfolio Management (Autumn 2020)                                     | 26                | 35%           | 5,1                      | 4,8                      | 4,9                          |
|                    | IT-ledelse og IT-organisationens rolle (Autumn 2020)                                  | 36                | 36%           | 5,3                      | 4,8                      | 5,1                          |
|                    | Jorden rundt på 4 dage - digital transformation i et globalt perspektiv (Autumn 2020) | 27                | 81%           | 5,1                      | 4,7                      | 4,9                          |
|                    | Methodology and Communication in IT Management (Autumn 2020)                          | 29                | 7%            | 5,5                      | 5,0                      | 5,3                          |
| All MSc programmes | Totals  | 354               | 21%           | 2,7                      | 1,9                      | 2,3                          |
|                    | Cross Disciplinary Team Work (Autumn 2020)  | 354               | 21%           | 2,7                      | 1,9                      | 2,3                          |
| K-CS               | Totals  | 454               | 27%           | 4,9                      | 4,8                      | 4,9                          |
|                    | Advanced Algorithms (Autumn 2020)   | 9                 | 33%           | 5,7                      | 5,0                      | 5,3                          |
|                    | Advanced Data Systems (Autumn 2020)   | 6                 | 17%           | 6,0                      | 6,0                      | 6,0                          |
|                    | Advanced Machine Learning (Autumn 2020)   | 28                | 7%            | 5,5                      | 4,5                      | 5,0                          |
|                    | Advanced Programming, MSc CS (Autumn 2020)  | 95                | 29%           | 4,4                      | 4,6                      | 4,5                          |

| Study Programme | Course name   | Enrolled students | Response rate | Average score question 1 | Average score question 2 | Average score (question 1+2) |
|-----------------|---|-------------------|---------------|--------------------------|--------------------------|------------------------------|
|                 | Advanced Robotics (Autumn 2020)   | 15                | 47%           | 5,7                      | 5,1                      | 5,4                          |
|                 | Advanced Security (Autumn 2020)   | 13                | 31%           | 4,5                      | 4,3                      | 4,4                          |
|                 | Advanced Software Engineering 15 ECTS (Autumn 2020)                             | 11                | 45%           | 5,0                      | 4,0                      | 4,5                          |
|                 | Algorithm Design, MSc CS (Autumn 2020)  | 95                | 26%           | 5,3                      | 5,2                      | 5,2                          |
|                 | Practical Concurrent and Parallel Programming, MSc CS (Autumn 2020)             | 121               | 26%           | 5,2                      | 5,3                      | 5,2                          |
|                 | Security 1 (Autumn 2020)  | 61                | 26%           | 4,4                      | 3,9                      | 4,2                          |
| K-DDIT          | Totals  | 648               | 18%           | 4,7                      | 4,4                      | 4,5                          |
|                 | Advanced Service Design (Autumn 2020)   | 36                | 11%           | 5,5                      | 5,5                      | 5,5                          |
|                 | Avancerede designprocesser (Autumn 2020)  | 127               | 28%           | 4,4                      | 4,2                      | 4,3                          |
|                 | Design og udvikling af netværkskulturer (Autumn 2020)                           | 7                 | 29%           | 5,5                      | 5,5                      | 5,5                          |
|                 | Introduction to Programming, MSc (Autumn 2020)                                  | 87                | 10%           | 5,4                      | 5,1                      | 5,3                          |
|                 | Ledelse af kreative projekter (Autumn 2020)                                     | 136               | 8%            | 4,4                      | 3,9                      | 4,1                          |
|                 | Programming Mobile Applications (Autumn 2020)                                   | 41                | 29%           | 3,9                      | 2,8                      | 3,3                          |
|                 | Situating Interactions (Autumn 2020)  | 40                | 33%           | 5,8                      | 5,8                      | 5,8                          |
|                 | Users in Context (Autumn 2020)  | 129               | 19%           | 4,4                      | 4,4                      | 4,4                          |
|                 | UX Design II (Autumn 2020)  | 45                | 9%            | 4,5                      | 4,0                      | 4,3                          |
| K-DIM           | Totals  | 595               | 17%           | 4,9                      | 4,6                      | 4,8                          |
|                 | Blockchain Economics (Autumn 2020)  | 15                | 20%           | 5,3                      | 5,0                      | 5,2                          |
|                 | Computational Literacies (Autumn 2020)  | 133               | 20%           | 5,2                      | 4,9                      | 5,0                          |
|                 | Critical Big Data Management: Second Part of Specialisation (Autumn 2020)       | 63                | 10%           | 5,3                      | 4,8                      | 5,1                          |
|                 | Digitalisation and Public Sector Transformation (Autumn 2020)                   | 8                 | 38%           | 6,0                      | 6,0                      | 6,0                          |
|                 | Navigating Complexity: Mapping, Visualisation and Decision-making (Autumn 2020) | 124               | 15%           | 5,4                      | 5,3                      | 5,4                          |
|                 | Organisational Change (Autumn 2020)   | 89                | 30%           | 4,3                      | 4,0                      | 4,1                          |
|                 | Reassembling Innovation (Autumn 2020)   | 135               | 11%           | 4,4                      | 3,7                      | 4,1                          |
|                 | Service Design - Management and Implementation (Autumn 2020)                    | 28                | 7%            | 6,0                      | 5,5                      | 5,8                          |
| K-GAMES         | Totals  | 282               | 31%           | 5,1                      | 4,9                      | 5,0                          |
|                 | Advanced Topics in Game Studies (Autumn 2020)                                   | 18                | 11%           | 5,0                      | 5,0                      | 5,0                          |
|                 | DADIU Curriculum (Autumn 2020)  | 15                | 7%            | 6,0                      | 5,0                      | 5,5                          |
|                 | DADIU Project (Autumn 2020)   | 15                | 13%           | 6,0                      | 5,5                      | 5,8                          |
|                 | Game Programming (Autumn 2020)  | 36                | 53%           | 5,1                      | 4,7                      | 4,9                          |
|                 | Games & Culture (Autumn 2020)   | 52                | 19%           | 4,9                      | 5,6                      | 5,3                          |
|                 | Graphics Programming (Autumn 2020)  | 20                | 35%           | 5,3                      | 5,0                      | 5,1                          |
|                 | Making Games (Autumn 2020)  | 50                | 64%           | 5,8                      | 5,3                      | 5,6                          |
|                 | Modern Artificial Intelligence (Autumn 2020)                                    | 26                | 8%            | 4,5                      | 4,5                      | 4,5                          |
|                 | Play Lab (Autumn 2020)  | 19                | 5%            | 6,0                      | 6,0                      | 6,0                          |
|                 | Programming for Designers (Autumn 2020)   | 31                | 35%           | 3,2                      | 3,0                      | 3,1                          |
| K-SD            | Totals  | 659               | 25%           | 4,7                      | 4,3                      | 4,5                          |
|                 | Applied Algorithms (Autumn 2020)  | 35                | 23%           | 4,8                      | 4,1                      | 4,4                          |
|                 | Applied information Security (Autumn 2020)                                      | 35                | 20%           | 5,0                      | 4,1                      | 4,6                          |
|                 | Big Data Management (Technical) (Autumn 2020)                                   | 42                | 29%           | 5,0                      | 4,7                      | 4,8                          |

| Study Programme | Course name  | Enrolled students | Response rate | Average score question 1 | Average score question 2 | Average score (question 1+2) |
|-----------------|--|-------------------|---------------|--------------------------|--------------------------|------------------------------|
|                 | Data Mining (Autumn 2020)                              | 52                | 23%           | 3,8                      | 2,8                      | 3,3                          |
|                 | Discrete Mathematics, MSc SD (Autumn 2020)             | 152               | 38%           | 5,6                      | 5,6                      | 5,6                          |
|                 | Distributed Systems MSc (Autumn 2020)                  | 10                | 30%           | 4,7                      | 5,0                      | 4,8                          |
|                 | Introduction to Database Systems, MSc SD (Autumn 2020) | 10                | 40%           | 5,3                      | 4,5                      | 4,9                          |
|                 | Introductory Programming (Autumn 2020)                 | 144               | 11%           | 5,3                      | 5,0                      | 5,1                          |
|                 | Software Engineering (Autumn 2020)                     | 138               | 24%           | 2,8                      | 2,0                      | 2,4                          |
|                 | Technical Interaction Design (Autumn 2020)             | 41                | 24%           | 4,9                      | 4,4                      | 4,7                          |

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