

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำปีภาคการศึกษา 1/2566

ระดับปริญญาตรี คณะวิทยาศาสตร์ ภาควิชาเคมี

| รหัสวิชา | ชื่อวิชา | จำนวน น.ศ. | Mean | SD | GPA |
|----------|--|------------|-------|-------|------|
| CHM10101 | ELEMENTS AND COMPOUNDS | 120 | 0 | 0.00 | 2.90 |
| CHM10102 | CHEMICAL REACTION, KINETICS AND EQUILIBRIUM | 120 | 0 | 0.00 | 2.96 |
| CHM103 | FUNDAMENTAL CHEMISTRY | 129 | 45.99 | 14.90 | 1.73 |
| CHM10301 | ELEMENTS AND COMPOUNDS | 844 | 68.61 | 11.35 | 2.78 |
| CHM10302 | MATTERS AND CHANGES | 844 | 0 | 0.00 | 2.40 |
| CHM10303 | KINETICS AND EQUILIBRIUM | 844 | 0 | 0.00 | 2.48 |
| CHM104 | EXPLORATION OF CHEMISTRY | 120 | 86.02 | 2.64 | 4.00 |
| CHM160 | CHEMISTRY LABORATORY | 928 | 67.53 | 10.08 | 2.75 |
| CHM161 | GENERAL CHEMISTRY LABORATORY | 119 | 76.26 | 6.12 | 3.25 |
| CHM201 | STATISTICS FOR CHEMISTS | 103 | 71.99 | 6.32 | 3.04 |
| CHM211 | ORGANIC CHEMISTRY I | 103 | 53.46 | 16.29 | 2.32 |
| CHM215 | ORGANIC CHEMISTRY | 41 | 43.43 | 9.61 | 1.94 |
| CHM221 | ANALYTICAL CHEMISTRY I | 104 | 44.81 | 13.51 | 2.18 |
| CHM223 | ANALYTICAL CHEMISTRY AND INSTRUMENTAL ANALYSIS I | 40 | 52.59 | 15.02 | 2.18 |
| CHM241 | PHYSICAL CHEMISTRY I | 41 | 56.44 | 11.19 | 2.37 |
| CHM260 | BASIC TECHNIQUE IN ANALYTICAL AND ORGANIC CHEMISTRY LABORATORY | 41 | 79.56 | 3.38 | 3.89 |
| CHM261 | ORGANIC CHEMISTRY LABORATORY I | 103 | 73.75 | 6.30 | 3.61 |
| CHM263 | ANALYTICAL CHEMISTRY LABORATORY I | 63 | 78.67 | 5.36 | 3.68 |
| CHM265 | ANALYTICAL CHEMISTRY AND INSTRUMENTAL ANALYSIS LABORATORY I | 40 | 75.48 | 7.79 | 3.46 |
| CHM266 | ORGANIC CHEMISTRY LABORATORY | 41 | 60.60 | 4.35 | 2.61 |
| CHM321 | INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS I | 60 | 41.40 | 13.15 | 1.88 |
| CHM332 | INORGANIC CHEMISTRY II | 100 | 43.46 | 14.20 | 1.81 |
| CHM341 | PHYSICAL CHEMISTRY I | 46 | 46.52 | 9.84 | 2.09 |
| CHM342 | PHYSICAL CHEMISTRY II | 96 | 43.29 | 15.61 | 1.90 |
| CHM351 | MATERIALS SCIENCE | 35 | 52.95 | 8.60 | 2.46 |
| CHM353 | POLYMER SCIENCE | 35 | 64.94 | 10.42 | 3.06 |
| CHM362 | INORGANIC CHEMISTRY LABORATORY I | 95 | 55.78 | 8.25 | 2.71 |
| CHM363 | INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS LABORATORY I | 60 | 76.61 | 6.41 | 3.60 |
| CHM365 | PHYSICAL CHEMISTRY LABORATORY I | 181 | 63.86 | 6.60 | 2.83 |
| CHM380 | INTRODUCTION TO INDUSTRIAL POLLUTION, TREATMENT AND CONTROL | 35 | 66.65 | 6.95 | 3.14 |
| CHM382 | FUNDAMENTAL OF WATER AND WASTEWATER TREATMENTS | 64 | 80.21 | 5.29 | 3.92 |
| CHM411 | SPECIAL TOPICS I | 8 | 54.39 | 5.20 | 2.79 |
| CHM451 | NANOTECHNOLOGY | 29 | 68.52 | 6.59 | 2.95 |
| CHM495 | INDUSTRIAL COOPERATIVE LEARNING | 44 | 89.60 | 15.01 | 3.91 |
| CHM496 | PROJECT I | 112 | 92.79 | 9.42 | 3.98 |
| CHM497 | PROJECT II | 44 | 77.78 | 34.63 | 3.88 |

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำปีการศึกษา 1/2566

ระดับปริญญาตรี คณะวิทยาศาสตร์ ภาควิชาคณิตศาสตร์

| รหัสวิชา | ชื่อวิชา | จำนวน น.ศ. | Mean | SD | GPA |
|----------|--|------------|-------|-------|------|
| CSS111 | EXPLORING COMPUTER SCIENCE | 50 | 60.10 | 7.77 | 2.91 |
| CSS112 | COMPUTER PROGRAMMING | 81 | 58.10 | 17.37 | 2.41 |
| CSS113 | DISCRETE MATHEMATICS FOR COMPUTER SCIENTISTS | 50 | 67.55 | 14.05 | 2.63 |
| CSS222 | DATABASE SYSTEMS | 66 | 73.18 | 10.27 | 2.90 |
| CSS223 | OPERATING SYSTEMS | 62 | 47.80 | 12.74 | 2.14 |
| CSS225 | DATABASE SYSTEMS | 10 | 66.03 | 8.41 | 2.45 |
| CSS227 | WEB PROGRAMMING | 2 | 61.55 | 8.02 | 2.25 |
| CSS232 | OBJECT-ORIENTED PROGRAMMING | 62 | 79.73 | 8.51 | 3.38 |
| CSS233 | WEB PROGRAMMING I | 62 | 76.16 | 8.05 | 3.35 |
| CSS321 | SOFTWARE ENGINEERING I | 51 | 72.00 | 5.89 | 3.19 |
| CSS331 | INTRODUCTION TO ARTIFICIAL INTELLIGENCE | 51 | 69.61 | 10.62 | 3.07 |
| CSS341 | INTRODUCTION TO DATA SCIENCE | 43 | 83.35 | 6.16 | 3.60 |
| CSS361 | TECHNOPRENEURSHIP | 51 | 78.97 | 4.84 | 3.30 |
| CSS423 | CYBERSECURITY | 21 | 85.71 | 7.92 | 3.75 |
| CSS461 | ELECTRONIC COMMERCE SYSTEM | 33 | 77.58 | 4.13 | 3.74 |
| CSS491 | PROJECT PROPOSAL | 38 | 83.14 | 4.95 | 3.74 |
| CSS495 | INDUSTRIAL COOPERATIVE LEARNING | 34 | 87.02 | 4.22 | 3.93 |
| CSS496 | SPECIAL TOPICS I : DIGITAL IMAGE PROCESSING | 14 | 82.29 | 4.83 | 3.79 |
| MTH101 | MATHEMATICS I | 10 | 12.03 | 3.24 | 0 |
| MTH10101 | LIMIT, CONTINUITY AND DERIVATIVES | 1757 | 7.46 | 23.03 | 2.63 |
| MTH10102 | INTEGRALS | 1762 | 0 | 0.00 | 2.47 |
| MTH102 | MATHEMATICS II | 40 | 80.58 | 10.13 | 3.55 |
| MTH111 | CALCULUS I | 2 | 30.50 | 5.50 | 1.25 |
| MTH11101 | FUNCTIONS, LIMIT, CONTINUITY AND DERIVATIVES | 711 | 0 | 0.00 | 2.21 |
| MTH11102 | INTEGRALS | 711 | 0 | 0.00 | 2.34 |
| MTH11103 | APPLICATIONS OF DERIVATIVES AND INTEGRALS | 711 | 0 | 0.00 | 2.18 |
| MTH201 | MATHEMATICS III | 9 | 36.55 | 14.84 | 1.67 |
| MTH20101 | VECTOR CALCULUS | 1107 | 6.21 | 18.90 | 2.62 |
| MTH20102 | BASIC DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORM | 1106 | 0 | 0.00 | 2.73 |
| MTH202 | LINEAR ALGEBRA FOR ENGINEERS | 120 | 72.46 | 17.32 | 2.90 |
| MTH225 | PRINCIPLE OF MATHEMATICS | 47 | 60.95 | 18.60 | 2.38 |
| MTH234 | LINEAR ALGEBRA | 210 | 65.59 | 18.69 | 2.75 |
| MTH239 | LINEAR ALGEBRA FOR HONORS PROGRAM | 1 | 89.95 | 0.00 | 4.00 |
| MTH242 | CALCULUS III | 27 | 61.09 | 18.05 | 2.70 |
| MTH243 | INTRODUCTION TO GRAPH THEORY | 2 | 83.00 | 2.00 | 3.75 |
| MTH252 | DIFFERENTIAL EQUATIONS | 121 | 45.75 | 12.42 | 1.75 |

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำปีการศึกษา 1/2566

ระดับปริญญาตรี คณะวิทยาศาสตร์ ภาควิชาคณิตศาสตร์

| รหัสวิชา | ชื่อวิชา | จำนวน น.ศ. | Mean | SD | GPA |
|----------|---|------------|-------|-------|------|
| MTH253 | SYSTEM OF DIFFERENTIAL EQUATIONS AND INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS | 41 | 42.83 | 16.46 | 1.73 |
| MTH323 | HISTORY OF MATHEMATICS | 9 | 77.52 | 13.46 | 3.61 |
| MTH330 | ABSTRACT ALGEBRA I | 28 | 66.04 | 6.65 | 2.56 |
| MTH341 | INTRODUCTION TO REAL ANALYSIS I | 28 | 64.21 | 8.51 | 2.91 |
| MTH352 | ATMOSPHERIC DYNAMICS | 5 | 80.50 | 11.84 | 3.75 |
| MTH354 | INTRODUCTION TO DYNAMICAL SYSTEM | 2 | 76.38 | 8.88 | 3.50 |
| MTH381 | MATHEMATICS OF FINANCE | 41 | 52.59 | 12.08 | 1.95 |
| MTH386 | INTRODUCTION TO ECONOMICS | 22 | 76.16 | 5.27 | 3.07 |
| MTH387 | INVESTMENT MATHEMATICS | 12 | 84.75 | 7.18 | 3.79 |
| MTH443 | ELEMENTARY TOPOLOGY | 3 | 71.50 | 4.50 | 3.25 |
| MTH483 | SURVIVAL MODEL | 4 | 46.50 | 5.89 | 1.50 |
| MTH495 | INDUSTRIAL COOPERATIVE LEARNING | 9 | 89.95 | 2.75 | 4.00 |
| MTH498 | PROJECT PROPOSAL | 36 | 85.01 | 15.19 | 3.86 |
| MTH499 | PROJECT STUDY | 10 | 91.24 | 2.14 | 4.00 |
| STA213 | BIOSTATISTICS | 41 | 57.09 | 16.93 | 2.35 |
| STA221 | PROBABILITY THEORY | 4 | 24.96 | 2.08 | 0.75 |
| STA231 | PROBABILITY AND STATISTICS | 1 | 76.30 | 0.00 | 3.50 |
| STA302 | STATISTICS FOR ENGINEERS | 133 | 63.11 | 17.29 | 2.61 |
| STA321 | STATISTICAL THEORY | 38 | 47.11 | 14.03 | 2.16 |
| STA322 | SAMPLING TECHNIQUES | 44 | 60.73 | 11.01 | 2.39 |
| STA323 | RISK ASSESSMENT | 17 | 70.53 | 10.23 | 2.44 |
| STA331 | REGRESSION ANALYSIS | 45 | 61.30 | 16.73 | 2.40 |
| STA335 | PRODUCT RELIABILITY | 31 | 68.34 | 10.71 | 3.10 |
| STA336 | STATISTICAL PACKAGES | 35 | 52.69 | 16.01 | 2.41 |
| STA374 | OPERATIONS RESEARCH | 16 | 63.20 | 11.77 | 3.03 |
| STA491 | PROJECT PROPOSAL | 39 | 85.55 | 14.27 | 3.95 |
| STA492 | PROJECT STUDY | 13 | 59.74 | 39.83 | 3.85 |
| STA495 | INDUSTRIAL COOPERATIVE LEARNING | 13 | 86.34 | 3.56 | 3.88 |
| STD121 | INTRODUCTION TO DATA MANAGEMENT | 57 | 73.07 | 10.61 | 2.90 |
| STD214 | PROBABILITY AND STATISTICS | 62 | 74.23 | 11.85 | 2.97 |
| STD221 | PROBABILITY THEORY | 21 | 48.36 | 15.19 | 2.14 |
| STD231 | STATISTICAL ANALYSIS | 20 | 85.80 | 6.73 | 3.60 |
| STD471 | STATISTICAL LEARNING FOR DATA SCIENTISTS II | 1 | 89.00 | 0.00 | 4.00 |

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำปีการศึกษา 1/2566

ระดับปริญญาตรี คณะวิทยาศาสตร์ ภาควิชาจุลชีววิทยา

| รหัสวิชา | ชื่อวิชา | จำนวน น.ศ. | Mean | SD | GPA |
|----------|---|------------|-------|-------|------|
| FST201 | INTRODUCTION TO FOOD SCIENCE AND TECHNOLOGY | 116 | 64.34 | 6.60 | 2.42 |
| FST311 | FOOD CHEMISTRY I | 48 | 69.89 | 10.68 | 2.29 |
| FST331 | FOOD ENGINEERING I | 45 | 38.45 | 8.05 | 1.59 |
| FST341 | FOOD PROCESSING I | 45 | 45.34 | 8.94 | 1.92 |
| FST391 | FOOD CHEMISTRY LABORATORY I | 45 | 73.47 | 7.17 | 2.64 |
| FST393 | FOOD PROCESSING LABORATORY I | 45 | 59.74 | 3.87 | 2.77 |
| FST471 | PRODUCT DEVELOPMENT | 39 | 76.00 | 5.01 | 2.92 |
| FST495 | INDUSTRIAL COOPERATIVE LEARNING | 28 | 86.45 | 4.74 | 3.88 |
| FST498 | INDEPENDENT STUDY I | 38 | 86.28 | 3.58 | 3.93 |
| FST499 | INDEPENDENT STUDY II | 30 | 86.63 | 4.16 | 3.91 |
| MIC101 | GENERAL BIOLOGY | 2 | 56.28 | 2.82 | 2.50 |
| MIC10101 | CELLULAR BIOLOGY | 362 | 0 | 0.00 | 3.06 |
| MIC10102 | GENETICS & EVOLUTION | 365 | 0 | 0.00 | 2.28 |
| MIC10103 | ORGANISMAL BIOLOGY | 362 | 0 | 0.00 | 2.80 |
| MIC191 | GENERAL BIOLOGY LABORATORY | 300 | 66.85 | 9.55 | 2.84 |
| MIC211 | BACTERIOLOGY | 75 | 47.40 | 12.26 | 1.28 |
| MIC212 | MYCOLOGY | 75 | 52.18 | 12.65 | 2.13 |
| MIC224 | BIOSAFETY AND QUALITY ASSURANCE | 75 | 78.71 | 7.20 | 3.27 |
| MIC291 | DETERMINATIVE BACTERIOLOGY LABORATORY | 75 | 68.14 | 7.55 | 2.61 |
| MIC292 | MYCOLOGY LABORATORY | 75 | 78.12 | 7.92 | 3.12 |
| MIC321 | BASIC BIOPROCESS ENGINEERING | 48 | 57.51 | 10.53 | 2.18 |
| MIC322 | FOOD MICROBIOLOGY | 50 | 47.91 | 11.19 | 1.75 |
| MIC324 | BIOSAFETY | 48 | 78.98 | 8.14 | 3.30 |
| MIC332 | BIOCHEMISTRY II | 47 | 54.15 | 10.09 | 2.39 |
| MIC341 | VIROLOGY | 48 | 69.18 | 6.77 | 2.79 |
| MIC391 | BASIC BIOPROCESS ENGINEERING LABORATORY | 48 | 68.71 | 8.15 | 3.03 |
| MIC392 | BIOCHEMISTRY LABORATORY II | 47 | 74.71 | 6.39 | 2.78 |
| MIC394 | FOOD MICROBIOLOGY LABORATORY | 47 | 69.78 | 10.73 | 2.50 |
| MIC433 | GENE AND PROTEIN TECHNOLOGY | 57 | 64.85 | 10.06 | 2.44 |
| MIC451 | SOIL MICROBIOLOGY | 43 | 68.41 | 9.75 | 3.02 |
| MIC452 | ENVIRONMENTAL MICROBIOLOGY | 46 | 67.93 | 10.35 | 2.60 |
| MIC495 | INDUSTRIAL COOPERATIVE LEARNING | 2 | 85.00 | 0.00 | 4.00 |
| MIC497 | SEMINAR | 45 | 71.77 | 3.53 | 2.99 |
| MIC498 | INDEPENDENT STUDY I | 75 | 85.29 | 3.22 | 3.94 |
| MIC499 | INDEPENDENT STUDY II | 2 | 85.00 | 0.00 | 4.00 |

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำปีภาคการศึกษา 1/2566

ระดับปริญญาตรี คณะวิทยาศาสตร์ ภาควิชาฟิสิกส์

| รหัสวิชา | ชื่อวิชา | จำนวน น.ศ. | Mean | SD | GPA |
|----------|---|------------|-------|-------|------|
| PHY100 | CONCEPTUAL PHYSICS | 89 | 85.58 | 5.36 | 3.93 |
| PHY10101 | FORCE AND MOTION | 511 | 0 | 0.00 | 2.62 |
| PHY10102 | OSCILLATIONS AND MATERIALS | 511 | 0 | 0.00 | 2.56 |
| PHY10103 | THERMAL PHYSICS | 511 | 0 | 0.00 | 3.09 |
| PHY103 | GENERAL PHYSICS FOR ENGINEERING STUDENTS I | 8 | 44.20 | 5.38 | 1.50 |
| PHY10301 | FORCE AND MOTION | 1209 | 0 | 0.00 | 2.54 |
| PHY10302 | OSCILLATIONS AND WAVES | 1209 | 0 | 0.00 | 2.58 |
| PHY10303 | THERMAL PHYSICS | 1209 | 0 | 0.00 | 2.79 |
| PHY10311 | FORCE AND MOTION | 175 | 54.20 | 7.96 | 2.19 |
| PHY10312 | OSCILLATIONS AND WAVES | 175 | 55.22 | 9.70 | 2.23 |
| PHY10313 | THERMAL PHYSICS | 175 | 64.75 | 13.64 | 2.70 |
| PHY10411 | ELECTRICITY AND MAGNETISM | 75 | 61.72 | 10.85 | 2.57 |
| PHY10412 | ELECTRIC CIRCUITS | 75 | 66.56 | 9.39 | 2.84 |
| PHY10413 | OPTICS AND MODERN PHYSICS | 75 | 64.11 | 11.06 | 2.73 |
| PHY105 | GENERAL PHYSICS FOR INDUSTRIAL EDUCATION AND TECHNOLOGY STUDENTS I | 148 | 74.67 | 8.86 | 2.77 |
| PHY160 | INTRODUCTORY COMPUTATIONAL PHYSICS LABORATORY | 14 | 71.70 | 9.56 | 2.96 |
| PHY191 | GENERAL PHYSICS LABORATORY I | 1878 | 75.36 | 11.28 | 2.88 |
| PHY192 | GENERAL PHYSICS LABORATORY II | 23 | 83.48 | 5.54 | 3.78 |
| PHY201 | ANALYTICAL MECHANICS | 61 | 44.02 | 11.31 | 1.93 |
| PHY203 | MODERN PHYSICS | 64 | 47.33 | 14.13 | 1.67 |
| PHY205 | MATHEMATICAL PHYSICS I | 63 | 53.70 | 21.20 | 2.23 |
| PHY206 | MATHEMATICAL PHYSICS II | 5 | 80.38 | 6.58 | 3.40 |
| PHY221 | INTRODUCTION TO MATERIALS SCIENCE | 39 | 68.83 | 12.09 | 3.03 |
| PHY260 | COMPUTATIONAL PHYSICS | 5 | 75.85 | 15.12 | 3.30 |
| PHY290 | MODERN PHYSICS LABORATORY | 62 | 64.49 | 13.85 | 2.72 |
| PHY301 | ANALYTICAL MECHANICS | 21 | 48.29 | 12.61 | 1.90 |
| PHY302 | ELECTRICITY AND MAGNETISM | 21 | 55.63 | 14.66 | 2.31 |
| PHY305 | VACUUM TECHNOLOGY | 22 | 51.57 | 13.30 | 2.02 |
| PHY310 | ELECTRONICS II | 7 | 76.29 | 5.50 | 3.29 |
| PHY311 | ELECTRONICS FOR INDUSTRY | 7 | 87.84 | 6.49 | 3.71 |
| PHY321 | INTRODUCTION TO MATERIALS SCIENCE | 9 | 70.82 | 9.56 | 3.11 |
| PHY324 | THIN FILMS TECHNOLOGY | 9 | 61.59 | 15.99 | 2.67 |
| PHY352 | INTRODUCTION TO SEMICONDUCTOR PHYSICS | 12 | 67.01 | 12.87 | 3.08 |
| PHY361 | INTRODUCTION TO ASTRONOMY | 5 | 79.50 | 6.76 | 3.60 |
| PHY383 | COMPUTATIONAL PHYSICS | 5 | 79.50 | 12.83 | 3.40 |
| PHY395 | COMPUTER PROGRAMMING FOR COMPUTATIONAL PHYSICS AND INTERFACE LABORATORY | 21 | 69.95 | 6.31 | 2.88 |
| PHY431 | INTRODUCTION TO RADIOLOGICAL HEALTH | 6 | 76.67 | 9.12 | 3.58 |

รายงานสรุปคะแนนรายวิชาและจำนวนนักศึกษาที่ได้เกรดต่างๆ

ประจำภาคการศึกษา 1/2566

ระดับปริญญาตรี คณะวิทยาศาสตร์ ภาควิชาฟิสิกส์

| รหัสวิชา | ชื่อวิชา | จำนวน น.ศ. | Mean | SD | GPA |
|----------|---------------------------------|------------|-------|-------|------|
| PHY495 | INDUSTRIAL COOPERATIVE LEARNING | 4 | 87.00 | 1.00 | 4.00 |
| PHY496 | PROJECT I | 17 | 88.14 | 5.05 | 3.94 |
| PHY497 | PROJECT II | 6 | 52.40 | 42.79 | 2.40 |
| PHY498 | SEMINAR | 17 | 80.08 | 9.86 | 3.71 |