



Study in Thailand, Mahidol University
Course Catalog

Please note all courses subject to change and availability

Some courses are only available Fall or Spring Semester; please contact World Endeavors for more information about specific timetables, pre-requisites, and detailed course descriptions.

ANIMATION PRODUCTION

- ICAM 101 Introduction to Animation 4 (1-6)
- ICAM 102 Color Theory and Application 4 (1-6)
- ICAM 103 Drawing for Animation I 4 (0-8)
- ICAM 104 2D Animation I 4 (0-8)
- ICAM 201 Character Design I 4 (1-6)
- ICAM 202 Drawing for Animation II 4 (0-8)
- ICAM 203 Storyboarding I 4 (1-6)
- ICAM 204 2D Animation II 4 (0-8)
- ICAM 205 Computer Programs for Animation 4 (0-8)
- ICAM 206 Storyboarding II 4 (0-8)
- ICAM 301 Layout Design I 4 (0-8)
- ICAM 302 3D Animation I 4 (0-8)
- ICAM 303 3D Animation II 4 (0-8)
- ICAM 304 Character Design II 4 (0-8)
- ICAM 351 Animation Production Management 4 (4-0)
- ICAM 352 Layout Design II 4 (0-8)
- ICAM 353 Painting I 4 (0-8)
- ICAM 354 Painting II 4 (0-8)
- ICAM 355 Computer and Video Games 4 (2-4)
- ICAM 356 Media Compositing 4 (2-4)
- ICAM 380 Selected Topics in Animation Production 4 (0-8)
- ICAM 381 Independent Study in Animation Production 4 (0-8)
- ICAM 398 Professional Internship in Animation Production 4 (0-12)
- ICAM 399 International Field Study in Animation Production 4 (0-12)
- ICAM 498 Animation Production Final Project I 4 (0-12)
- ICAM 499 Animation Production Final Project II 8 (0-24)

BIOLOGICAL SCIENCES

- ICBI 102 Integrated Laboratory in Biological Sciences I 2 (0-4)
- ICBI 202 Integrated Laboratory in Biological Sciences II 2 (0-4)
- ICBI 203 Comparative Biology of Vertebrates 4 (3-2)
- ICBI 204 Developmental Biology 4 (4-0)
- ICBI 206 Medical Ethics 2 (2-0)
- ICBI 211 General Microbiology 4 (3-2)
- ICBI 212 General Biochemistry 4 (3-2)
- ICBI 213 Genetics 4 (4-0)

ICBI 216 Cell Biology 4 (4-0)
ICBI 221 Animal Biology 4 (3-2)
ICBI 231 Plant Biology 4 (3-2)
ICBI 241 Ecology and Conservation 4 (3-2)
ICBI 255 Introduction to Oceanography 4 (3-2)
ICBI 256 Sustainable Development 4 (4-0)
ICBI 257 Environmental Issues: Past, Present and Future 4 (4-0)
ICBI 301 Functional Histology 4 (3-2)
ICBI 304 Basic Immunology 2 (2-0)
ICBI 305 Human Biology I 4 (2-4)
ICBI 306 Human Biology II 4 (2-4)
ICBI 307 Nutrition and Dietetics 4 (4-0)
ICBI 308 Molecular Biology 4 (4-0)
ICBI 309 Pathobiology 4 (3-2)
ICBI 310 Mammalian Physiology 4 (3-2)
ICBI 311 Pharmacology and Toxicology 4 (3-2)
ICBI 314 Tropical Ecology 4 (3-2)
ICBI 315 Microbial Physiology and Genetics 4 (4-0)
ICBI 316 Environmental Microbiology 4 (3-2)
ICBI 317 Aquatic Ecology 4 (3-2)
ICBI 318 Aquatic Ecology Field Course 4 (0-8)
ICBI 319 Conservation Biology 4 (4-0)
ICBI 320 Population and Community Ecology 4 (3-2)
ICBI 321 Invertebrate Zoology 4 (3-2)
ICBI 322 Vertebrate Zoology 4 (3-2)
ICBI 323 Experimental Embryology 4 (3-2)
ICBI 324 Reproductive Biology 4 (3-2)
ICBI 331 Plant Physiology 4 (3-2)
ICBI 341 Neurobiology 4 (3-2)
ICBI 342 Developmental Neurobiology 4 (4-0)
ICBI 343 Endocrinology 4 (3-2)
ICBI 344 Environmental Science 4 (4-0)
ICBI 391 Health Psychology 4 (4-0)
ICBI 401 Medical Physiology 4 (4-0)
ICBI 402 Epidemiology 4 (3-2)
ICBI 403 Introduction to Tropical Medicine 4 (4-0)
ICBI 405 Community Health 4 (3-2)
ICBI 406 Ergonomics 2 (2-0)
ICBI 407 Occupational Health and Safety 4 (4-0)
ICBI 411 Psychopathology 4 (4-0)
ICBI 412 Parasitology 4 (3-2)
ICBI 413 Microtechniques in Biology 4 (3-2)
ICBI 414 Industrial Microbiology 4 (3-2)
ICBI 415 Biotechnology 4 (4-0)
ICBI 421 Entomology 4 (3-2)
ICBI 422 Animal Behavior 4 (4-0)
ICBI 431 Plant Tissue Culture 4 (3-2)
ICBI 441 Marine Biology 4 (3-2)
ICBI 442 Pollution Biology 4 (3-2)
ICBI 464 Cell Technology 4 (4-0)
ICBI 465 Cytogenetics 4 (3-2)

APPLIED CHEMISTRY

ICCH 111 General Chemistry 4 (3-2)
ICCH 210 General Chemistry I 4 (4-0)
ICCH 211 General Chemistry II 4 (4-0)
ICCH 220 Basic Organic Chemistry 4 (3-2)
ICCH 221 Organic Chemistry I 4 (4-0)
ICCH 222 Organic Chemistry II 4 (4-0)
ICCH 224 Integrated Chemistry Laboratory I 2 (0-4)
ICCH 311 Analytical Chemistry 4 (3-2)
ICCH 316 Modern Methods of Analysis 4 (4-0)
ICCH 321 Organic Spectroscopy 4 (4-0)
ICCH 322 Advanced Organic Chemistry 4 (4-0)
ICCH 329 Integrated Chemistry Laboratory II 2 (0-4)
ICCH 333 Physical Chemistry I 4 (4-0)
ICCH 334 Physical Chemistry II 4 (4-0)
ICCH 335 Physical Chemistry III 4 (4-0)
ICCH 381 Mathematics for Chemists 4 (4-0)
ICCH 390 Organic Chemistry Laboratory Techniques 2 (0-4)
ICCH 421 Physical Organic Chemistry 4 (4-0)
ICCH 422 Organic Synthesis 4 (4-0)
ICCH 423 Heterocyclic Chemistry 4 (4-0)
ICCH 424 Natural Product Chemistry 4 (4-0)
ICCH 431 Advanced Physical Chemistry 4 (4-0)
ICCH 432 Special Topics in Physical Chemistry 2 (2-0)
ICCH 441 Inorganic Chemistry I 4 (4-0)
ICCH 442 Inorganic Chemistry II 4 (4-0)
ICCH 443 Special Topics in Inorganic Chemistry 2 (2-0)
ICCH 444 Environmental Chemistry 4 (4-0)
ICCH 451 Industrial Chemistry 4 (4-0)
ICCH 452 Polymer Science and Technology 4 (4-0)
ICCH 453 Special Topics in Industrial Chemistry 2 (2-0)
ICCH 456 Nuclear and Radiochemistry 4 (4-0)
ICCH 457 Industrial Chemical Processes 4 (4-0)
ICCH 461 Pharmacological Chemistry 4 (4-0)
ICCH 462 Macromolecules 4 (4-0)
ICCH 471 Bioorganic Chemistry 4 (4-0)
ICCH 472 Secondary Metabolisms 4 (4-0)

ENGLISH COMMUNICATIONS

ICCM 111 Advanced English Communication I 4 (4-0)
ICCM 112 Advanced English Communication II 4 (4-0)
ICCM 202 Exploring Global Realities 4 (4-0)
ICCM 203 Introduction to Literary Analysis 4 (4-0)
ICCM 204 Creative Writing 4 (4-0)

COMPUTER SCIENCE

ICCS 199 Computer Concepts and Fundamentals 4 (4-0)
ICCS 201 Computer Programming I 4 (3-2)
ICCS 203 Computer Programming II 4 (3-2)
ICCS 204 Introduction to Digital Electronics 4 (4-0)
ICCS 207 Introduction to File Processing 4 (4-0)
ICCS 208 Computer Logic 4 (4-0)
ICCS 281 Advance Mathematics for Computer Science 4 (4-0)
ICCS 306 Numerical Methods I 4 (4-0)

ICCS 311 Compilers 4 (4-0)
ICCS 312 Human Computer Interaction 4 (4-0)
ICCS 315 Operating Systems 4 (4-0)
ICCS 316 Computer Architectures 4 (4-0)
ICCS 321 Data Structures and Algorithm Analysis 4 (4-0)
ICCS 322 Microcomputer Systems and Interfacing 4 (4-0)
ICCS 323 Computer Data Communication 4 (4-0)
ICCS 324 Discrete Structure 4 (4-0)
ICCS 325 Theory of Computation 4 (4-0)
ICCS 331 Organization of Programming Languages 4 (4-0)
ICCS 332 Image Processing and Visualization 4 (4-0)
ICCS 333 Introduction to Cognitive Science 4 (4-0)
ICCS 365 Information Systems Analysis and Design 4 (4-0)
ICCS 366 Management Information Systems 4 (4-0)
ICCS 367 Design Patterns 4 (4-0)
ICCS 406 Numerical Methods II 4 (4-0)
ICCS 411 Database Management Systems 4 (4-0)
ICCS 412 Distributed Database Systems 4 (3-2)
ICCS 413 Data Warehousing and Data Mining 4 (4-0)
ICCS 414 Information Storage and Retrieval 4 (4-0)
ICCS 415 Computer Graphics 4 (3-2)
ICCS 416 Knowledge Management 4 (4-0)
ICCS 421 Computer Networks and Distributed Processing 4 (3-2)
ICCS 425 Algorithms 4 (4-0)
ICCS 426 Advance Data Communications 4 (3-2)
ICCS 427 Enterprise Networking 4 (4-0)
ICCS 428 Object-oriented Concepts 4 (4-0)
ICCS 429 Microprocessor Concept and Applications 4 (3-2)
ICCS 431 Software Design and Development 4 (4-0)
ICCS 432 Software Engineering 4 (4-0)
ICCS 433 Network Analysis 4 (3-2)
ICCS 434 Computer Security 4 (4-0)
ICCS 435 Database System Development and Analysis 4 (4-0)
ICCS 436 Operating Systems Analysis 4 (4-0)
ICCS 437 Fundamental of Natural Computation 4 (4-0)
ICCS 438 Introduction to Computer Forensics 4 (4-0)
ICCS 439 Evolutionary Computation 4 (4-0)
ICCS 441 Business Application Programming 4 (3-2)
ICCS 442 Decision Support System 4 (4-0)
ICCS 451 Artificial Intelligence 4 (4-0)
ICCS 452 Intelligent Robotics 4 (4-0)
ICCS 453 Machine Learning 4 (4-0)
ICCS 454 Natural Language Processing and applications 4 (4-0)
ICCS 455 Virtual Reality 4 (4-0)
ICCS 473 Technology of Computer Center Management 4 (4-0)
ICCS 474 Internet Programming 4 (3-2)
ICCS 476 Internet Enterprise Design and Development 4 (3-2)
ICCS 477 System Simulation 4 (4-0)
ICCS 478 Pattern Recognition 4 (4-0)
ICCS 479 Electronic Commerce 4 (4-0)

ENGLISH STUDIES

ICEG 232 Advanced Oral Communication 4 (4-0)

ICEG 243 Belief Systems in English Usage 4 (4-0)
ICEG 250 Introduction to Linguistics 4 (4-0)
ICEG 265 Literature into Film 4 (4-0)
ICEG 342 Diverse English Speaking Cultures 4 (4-0)
ICEG 344 Language and Culture 4 (4-0)
ICEG 353 Linguistic Interaction and Communication Theory 4 (4-0)
ICEG 355 The Story of English 4 (4-0)
ICEG 360 Literature for Children and Young Adults 4 (4-0)
ICEG 425 Advanced Rhetoric 4 (4-0)
ICEG 461 Topics in Comparative Literature A: Poetry 4 (4-0)
ICEG 462 Topics in Comparative Literature B: Short Story and Novel 4 (4-0)
ICEG 463 Topics in Comparative Literature C: Drama 4 (4-0)
ICEG 484 First and Second Language Acquisition 4 (4-0)

ENTERTAINMENT MEDIA

ICEM 101 Media Production 4 (4-0)
ICEM 102 Audiovisual Communication 4 (1-6)
ICEM 103 Screen Acting I 4 (0-8)
ICEM 201 Screen Acting II 4 (0-8)
ICEM 202 Storytelling 4 (3-2)
ICEM 203 Audience Analysis 4 (4-0)
ICEM 301 Introduction to Media Research 4 (4-0)
ICEM 302 Media Law and Ethics 4 (4-0)

ENVIRONMENT

ICEN 212 Ecological Systems Analysis 4 (4-0)
ICEN 241 Environmental Pollution I 4 (4-0)
ICEN 301 Basic Environmental Statistics 4 (4-0)
ICEN 311 Environmental Analysis Laboratory 4 (2-4)
ICEN 312 Environmental Toxicology 4 (4-0)
ICEN 313 Cleaner Technology 4 (3-2)
ICEN 314 Tropical Ecology 4 (3-2)
ICEN 317 Aquatic Ecology 4 (3-2)
ICEN 318 Aquatic Ecology Field Course 4 (0-8)
ICEN 319 Conservation Biology 4 (4-0)
ICEN 320 Population and Community Ecology 4 (3-2)
ICEN 331 Soil, Land Use and Degradation 4 (3-2)
ICEN 332 Introduction to Oceanography 4 (3-2)
ICEN 342 Environmental Pollution II 4 (4-0)
ICEN 351 Population and the Environment 4 (4-0)
ICEN 352 Environmental and Resource Economics 4 (4-0)
ICEN 361 Principles of Environmental Impact Assessment 4 (4-0)
ICEN 362 Natural Resource Conservation and Management 4 (4-0)
ICEN 391 Sustainable Development 4 (4-0)
ICEN 392 Environmental Issues: Past, Present and Future 4 (4-0)
ICEN 401 Applied Mathematics for Environment Studies 4 (4-0)
ICEN 402 Map and Photo Interpretation 4 (3-2)
ICEN 411 Climate Change and Its Impact 4 (4-0)
ICEN 431 Land Use and Urban Environmental Planning 4 (4-0)
ICEN 432 Global Geomorphology 4 (4-0)
ICEN 441 Occupational Health and Safety 4 (3-2)
ICEN 461 Energy Conservation and Development 4 (3-2)
ICEN 462 Coastal Zone and Resource Management 4 (4-0)

ICEN 463 Forest Management in the field of Environment 4 (4-0)
ICEN 464 Water Resources Management 4 (4-0)
ICEN 465 Resource Inventory and Baseline Studies Methods 4 (3-2)
ICEN 466 Environmental Management Systems 4 (4-0)
ICEN 467 Environmental Risk Assessment and Management 4 (4-0)
ICEN 468 Environmental Management Policy 4 (4-0)

FILM PRODUCTION

ICFM 101 Film Production I 4 (0-8)
ICFM 102 Introduction to Film 4 (1-6)
ICFM 201 Cinematography 4 (0-8)
ICFM 202 Film Analysis 4 (2-4)
ICFM 203 Scriptwriting for Film 4 (1-6)
ICFM 204 Film Post-Production I 4 (0-8)
ICFM 251 Music Video Production 4 (0-8)
ICFM 301 Acting for Film 4 (0-8)
ICFM 302 Film Directing 4 (0-8)
ICFM 303 Film Production II 4 (0-8)
ICFM 304 Sound in Film 4 (0-8)
ICFM 305 Film Post-Production II 4 (0-8)
ICFM 306 Film Laboratory Procedures 4 (0-8)
ICFM 351 Film Criticism 4 (2-4)
ICFM 401 Film Editing 4 (0-8)
ICFM 402 Film Producing 4 (0-8)

FOOD SCIENCE AND TECHNOLOGY

ICFS 312 Food Chemistry I 4 (3-2)
ICFS 313 Food Chemistry II 4 (3-2)
ICFS 314 Food Analysis 4 (3-2)
ICFS 315 Food Processing I 4 (3-2)
ICFS 316 Food Processing II 4 (3-2)
ICFS 321 Principles of Quality Assurance in Food Processing 4 (4-0)
ICFS 322 Fruits and Vegetables Technology 4 (4-0)
ICFS 323 Marine and Freshwater Products Technology 4 (4-0)
ICFS 324 Meat and Poultry Products Technology 4 (4-0)
ICFS 325 Dairy Products Technology 4 (4-0)
ICFS 331 Food Hygiene and Sanitation 4 (4-0)
ICFS 332 Food Law and Standard of Commercial Food Products 4 (4-0)
ICFS 371 Food Product Development 4 (4-0)
ICFS 372 Utilization of Water and Wastewater Treatment 2 (2-0)
ICFS 381 Production Management and Marketing of Food Products 4 (4-0)
ICFS 421 Food and Nutrition 4 (4-0)
ICFS 423 Beverage Technology 4 (4-0)
ICFS 424 Fat and Oil Technology 4 (4-0)
ICFS 425 Cereal Science and Technology 4 (3-2)
ICFS 431 Food Microbiology 4 (3-2)
ICFS 432 Sensory Evaluation of Food Products 4 (4-0)
ICFS 441 Food Engineering I 4 (3-2)
ICFS 442 Food Engineering II 4 (3-2)
ICFS 452 Food Packaging 4 (4-0)

GENERAL MANAGEMENT

ICGM 203 Accounting I 4 (4-0)

HEALTH EDUCATION

ICHE 101 Health Education 2 (2-0)

HUMANITIES

ICHM 101 Introduction to Philosophy 4 (4-0)
ICHM 102 Man and Nature in World Literature 4 (4-0)
ICHM 103 Introduction to Logic 4 (4-0)
ICHM 105 Music Appreciation 4 (4-0)
ICHM 106 Moral and Ethical Studies 4 (4-0)
ICHM 141 Art Appreciation I 4 (4-0)
ICHM 142 Art Appreciation II 4 (4-0)
ICHM 143 Introduction to Photography 4 (3-2)
ICHM 206 Ethics and Technology 4 (4-0)
ICHM 216 Tragedy and Comedy in Literature 4 (4-0)
ICHM 218 Film Studies 4 (4-0)
ICHM 219 20th Century Philosophy 4 (4-0)
ICHM 223 Thai Arts 4 (4-0)
ICHM 224 Introduction to Thai Music 4 (2-2)
ICHM 225 The Western Classical Ideal 4 (4-0)
ICHM 241 Introduction to Drawing 2 (1-2)
ICHM 242 Intermediate Drawing 2 (1-2)

INFORMATION SYSTEMS

ICIS 210 Introduction to Programming 4 (3-2)
ICIS 381 Fundamentals of Computer Systems 4 (4-0)
ICIS 382 Object Oriented Programming 4 (3-2)
ICIS 383 Database Management Systems 4 (3-2)
ICIS 384 Introduction to Computer Networks 4 (4-0)
ICIS 385 Information Technology Economics 4 (4-0)
ICIS 386 Electronic Commerce 4 (4-0)
ICIS 481 Internet Design and Development 4 (4-0)
ICIS 482 Systems Analysis and Design 4 (4-0)
ICIS 483 Software Engineering 4 (4-0)
ICIS 484 Management Information Systems 4 (4-0)
ICIS 485 Internet Programming 4 (3-2)
ICIS 486 Ethics and Technology 4 (4-0)
ICIS 487 Business Research and Analytical Spreadsheets 4 (4-0)
ICIS 488 IT Based Knowledge Management 4 (4-0)

CHINESE

ICLC 211 Pre-intermediate Chinese I 4 (4-0)
ICLC 212 Pre-intermediate Chinese II 4 (4-0)
ICLC 213 Pre-intermediate Chinese III 4 (4-0)
ICLC 311 Intermediate Chinese I 4 (4-0)
ICLC 312 Intermediate Chinese II 4 (4-0)
ICLC 313 Intermediate Chinese III 4 (4-0)
ICLC 320 Intermediate Chinese: Written Skills A 4 (4-0)
ICLC 330 Intermediate Chinese: Oral Skills A 4 (4-0)

FRENCH

ICLF 211 Pre-intermediate French I 4 (4-0)
ICLF 212 Pre-intermediate French II 4 (4-0)

ICLF 213 Pre-intermediate French III 4 (4-0)
ICLF 311 Intermediate French I 4 (4-0)
ICLF 312 Intermediate French II 4 (4-0)
ICLF 313 Intermediate French III 4 (4-0)
ICLF 320 Intermediate French: Written Skills A 4 (4-0)
ICLF 330 Intermediate French: Oral Skills A 4 (4-0)

GERMAN

ICLG 211 Pre-intermediate German I 4 (4-0)
ICLG 212 Pre-intermediate German II 4 (4-0)
ICLG 213 Pre-intermediate German III 4 (4-0)
ICLG 311 Intermediate German I 4 (4-0)
ICLG 312 Intermediate German II 4 (4-0)
ICLG 313 Intermediate German III 4 (4-0)
ICLG 320 Intermediate German: Written Skills A 4 (4-0)
ICLG 330 Intermediate German: Oral Skills A 4 (4-0)

JAPANESE

ICLJ 211 Pre-intermediate Japanese I 4 (4-0)
ICLJ 212 Pre-intermediate Japanese II 4 (4-0)
ICLJ 213 Pre-intermediate Japanese III 4 (4-0)
ICLJ 311 Intermediate Japanese I 4 (4-0)
ICLJ 312 Intermediate Japanese II 4 (4-0)
ICLJ 313 Intermediate Japanese III 4 (4-0)
ICLJ 320 Intermediate Japanese: Written Skills A 4 (4-0)
ICLJ 330 Intermediate Japanese: Oral Skills A 4 (4-0)

THAI

ICLT 211 Pre-intermediate Thai I 4 (4-0)
ICLT 212 Pre-intermediate Thai II 4 (4-0)
ICLT 213 Pre-intermediate Thai III 4 (4-0)
ICLT 311 Intermediate Thai I 4 (4-0)
ICLT 312 Intermediate Thai II 4 (4-0)
ICLT 313 Intermediate Thai III 4 (4-0)
ICLT 320 Intermediate Thai: Written Skills A 4 (4-0)
ICLT 330 Intermediate Thai: Oral Skills A 4 (4-0)

MATH

ICMA 211 General Mathematics I 4 (4-0)
ICMA 212 General Mathematics II 4 (4-0)
ICMA 214 Ordinary Differential Equations 4 (4-0)
ICMA 215 Calculus 4 (4-0)
ICMA 222 Introduction to Pascal 4 (4-0)
ICMA 321 Linear Algebra 4 (4-0)
ICMA 322 Advanced Calculus 4 (4-0)
ICMA 323 Partial Differential Equations 4 (4-0)
ICMA 324 Real Analysis 4 (4-0)
ICMA 331 Special Functions 4 (4-0)
ICMA 333 Boundary Value Problems 4 (4-0)
ICMA 335 Theory of Complex Numbers 4 (4-0)
ICMA 336 Numerical Analysis 4 (4-0)
ICMA 341 Fluid Dynamics 4 (4-0)
ICMA 423 Set Theory 4 (4-0)

ICMA 424 Abstract Algebra 4 (4-0)
ICMA 425 Introduction to Topology 4 (4-0)
ICMA 441 Viscous Fluid 4 (4-0)
ICMA 442 Discrete Mathematics 4 (4-0)

BUSINESS ADMINISTRATION

ICMB 201 Macroeconomics 4 (4-0)
ICMB 202 Microeconomics 4 (4-0)
ICMB 211 Fundamental Financial Accounting 4 (4-0)
ICMB 212 Managerial Accounting 4 (4-0)
ICMB 221 Principles of Marketing 4 (4-0)
ICMB 232 Essentials of Management 4 (4-0)
ICMB 233 Human Resource Management 4 (4-0)
ICMB 281 Computers in Management 4 (4-0)
ICMB 341 Business Law 4 (4-0)
ICMB 351 International Business Management 4 (4-0)
ICMB 361 Intermediate Statistics 4 (4-0)
ICMB 362 Quantitative Methods for Business 4 (4-0)
ICMB 371 Business Finance 4 (4-0)

FINANCE

ICMF 301 Intermediate Microeconomics 4 (4-0)
ICMF 302 Intermediate Macroeconomics 4 (4-0)
ICMF 311 Intermediate Accounting I 4 (4-0)
ICMF 312 Intermediate Accounting II 4 (4-0)
ICMF 372 Financial Management 4 (4-0)
ICMF 373 Corporate Finance 4 (4-0)
ICMF 374 Money, Banking and Financial Markets 4 (4-0)
ICMF 401 Econometric 4 (4-0)
ICMF 471 Financial Investment 4 (4-0)
ICMF 472 International Financial Management 4 (4-0)
ICMF 473 Financial Theory 4 (4-0)
ICMF 474 Financial Institutions 4 (4-0)

INTERNATIONAL BUSINESS

ICMI 351 International Business Environment 4 (4-0)
ICMI 352 Legal Issues in International Business 4 (4-0)
ICMI 353 Competitive Analysis 4 (4-0)
ICMI 354 Cross-Cultural Management 4 (4-0)
ICMI 355 Business Alliances 4 (4-0)
ICMI 356 Total Quality Management 4 (4-0)
ICMI 402 International Economics 4 (4-0)
ICMI 451 International Trade 4 (4-0)
ICMI 452 Global Business Strategy and Global Management 4 (4-0)

MARKETING

ICMK 321 Strategic Marketing Management 4 (4-0)
ICMK 322 Brand Management 4 (4-0)
ICMK 323 Integrated Marketing Communication 4 (4-0)
ICMK 324 Introduction of New Products 4 (4-0)
ICMK 325 Business Marketing 4 (4-0)
ICMK 326 Print Design for Advertising 4 (4-0)
ICMK 327 Advertising Multimedia Presentation 4 (4-0)

ICMK 421 Marketing Channels Strategies 4 (4-0)
ICMK 422 Research Methods in Marketing 4 (4-0)
ICMK 423 Models of Consumer Behavior 4 (4-0)
ICMK 424 Global Marketing Strategy 4 (4-0)
ICMK 425 Retail Management 4 (4-0)

MODERN LANGUAGES

ICML 101 Elementary German I 4 (4-0)
ICML 102 Elementary German II 4 (4-0)
ICML 103 Elementary German III 4 (4-0)
ICML 111 Elementary Japanese I 4 (4-0)
ICML 112 Elementary Japanese II 4 (4-0)
ICML 113 Elementary Japanese III 4 (4-0)
ICML 121 Elementary French I 4 (4-0)
ICML 122 Elementary French II 4 (4-0)
ICML 123 Elementary French III 4 (4-0)
ICML 131 Elementary Chinese I 4 (4-0)
ICML 132 Elementary Chinese II 4 (4-0)
ICML 133 Elementary Chinese III 4 (4-0)
ICML 161 Elementary Thai I 4 (4-0)
ICML 162 Elementary Thai II 4 (4-0)
ICML 163 Elementary Thai III 4 (4-0)

MANAGEMENT

ICMM 331 Organizational Development 4 (4-0)
ICMM 332 Management Skills and Leadership Development 4 (4-0)
ICMM 334 Operations Management 4 (4-0)
ICMM 335 Project Management 4 (4-0)
ICMM 336 Principles of Business Communication 4 (4-0)
ICMM 431 Business Negotiation 4 (4-0)
ICMM 432 Managerial Decision Making Analysis 4 (4-0)

MANAGEMENT SCIENCE

ICMS 301 Management and Organizational Behavior 4 (4-0)

NATURAL SCIENCES

ICNS 101 Introduction to Mathematics 4 (4-0)
ICNS 102 Principles of Mathematics 4 (4-0)
ICNS 103 Fundamental Mathematics 4 (4-0)
ICNS 104 Fundamental Statistics 4 (4-0)
ICNS 105 Basic Mathematics 4 (4-0)
ICNS 111 Fundamental Biology 4 (4-0)
ICNS 112 Principles of Biology 4 (4-0)
ICNS 121 Fundamental Chemistry 4 (4-0)
ICNS 122 Principles of Chemistry 4 (4-0)
ICNS 131 Fundamental Physics 4 (4-0)
ICNS 132 Principles of Physics 4 (4-0)
ICNS 141 Introduction to Computers 4 (3-2)
ICNS 142 Introduction to Internet Technology 4 (3-2)
ICNS 151 Basic Ecology 4 (3-2)
ICNS 152 Southeast Asian Ecology 4 (4-0)
ICNS 153 Ecosystems and Natural Resources 4 (3-2)
ICNS 154 Science, Technology, and Environment 4 (4-0)

ICNS 161 Introduction to Geology 4 (4-0)
ICNS 162 Southeast Asian Geography 4 (4-0)
ICNS 171 The Scientific Approach and Society 4 (3-2)
ICNS 211 Introduction to Food Science and Technology 4 (4-0)
ICNS 251 Medical Ethics 2 (2-0)
ICNS 252 Marine Biology 4 (3-2)
ICNS 253 Environmental Science 4 (4-0)
ICNS 254 Pollution Biology 4 (3-2)
ICNS 256 Sustainable Development 4 (4-0)
ICNS 257 Environmental Issues: Past, Present and Future 4 (4-0)

PHYSICAL EDUCATION

ICPE 101 Physical Education: Badminton 1 (0-3)
ICPE 102 Physical Education: Basketball 1 (0-3)
ICPE 103 Physical Education: Golf 1 (0-3)
ICPE 104 Physical Education: Pistol and Rifle 1 (0-3)
ICPE 105 Physical Education: Swimming 1 (0-3)
ICPE 106 Physical Education: Tennis 1 (0-3)
ICPE 107 Physical Education: Volleyball 1 (0-3)
ICPE 108 Physical Education: Snooker 1 (0-3)
ICPE 109 Physical Education: Social Dance 1 (0-3)
ICPE 113 Physical Education: Modern Dance 1 (0-3)
ICPE 114 Thai Sports 1 (0-3)
ICPE 115 Self Defense 1 (0-3)
ICPE 117 Physical Education: Mind and Body 1 (0-3)
ICPE 118 Physical Education: American Flag Football 1 (0-3)
ICPE 119 Physical Education: Weight Training 1 (0-3)
ICPE 120 Physical Education: Aikido 1 (0-3)
ICPE 121 Physical Education: Soccer 1 (0-3)

PHYSICS

ICPY 210 General Physics 4 (3-2)
ICPY 211 General Physics I 4 (4-0)
ICPY 212 General Physics II 4 (4-0)
ICPY 321 Intermediate Mechanics 4 (4-0)
ICPY 322 Electricity and Magnetism 4 (4-0)
ICPY 323 Electrodynamics 4 (4-0)
ICPY 324 Optics 4 (4-0)
ICPY 331 Mathematical Methods in Physics I 4 (4-0)
ICPY 332 Mathematical Methods in Physics II 4 (4-0)
ICPY 333 Mathematical Methods in Physics III 4 (4-0)
ICPY 341 Intermediate Laboratory in Physics I 1 (0-2)
ICPY 342 Intermediate Laboratory in Physics II 1 (0-2)
ICPY 343 Intermediate Laboratory in Physics III 1 (0-2)
ICPY 361 Quantum Mechanics I 4 (4-0)
ICPY 371 Thermal Physics 4 (4-0)

SOUTHEAST ASIAN STUDIES

ICSA 201 Geography of Southeast Asia 4 (4-0)
ICSA 202 Ecology of Southeast Asia 4 (4-0)
ICSA 203 The History of Southeast Asia up to 1800 4 (4-0)
ICSA 204 Modern History of Southeast Asia, c. 1800-Present 4 (4-0)
ICSA 205 Religion in Southeast Asia 4 (4-0)

ICSA 206 Political Systems of Southeast Asia 4 (4-0)
ICSA 211 Economics of Southeast Asia 4 (4-0)
ICSA 212 Peasant Societies in Southeast Asia 4 (4-0)
ICSA 213 Poverty and Rural Development in Southeast Asia 4 (4-0)
ICSA 214 Women in Southeast Asia 4 (4-0)
ICSA 231 Southeast Asian Arts I 4 (4-0)
ICSA 232 Southeast Asian Literature I 4 (4-0)
ICSA 233 Dance and Theater in Southeast Asia 4 (4-0)
ICSA 253 Thai Society and Culture 4 (4-0)
ICSA 254 Introduction to Thai History 4 (4-0)
ICSA 255 Thai Economic History 4 (4-0)
ICSA 311 International Politics in Southeast Asia 4 (4-0)
ICSA 312 Ethnicity and Nationalism in Southeast Asia 4 (4-0)
ICSA 314 Economic Problems in Southeast Asia 4 (4-0)
ICSA 321 Religion, State and Politics in Mainland Southeast Asia 4 (4-0)
ICSA 331 Southeast Asian Arts II 4 (4-0)
ICSA 332 Southeast Asian Literature II 4 (4-0)

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ICSO 202 Major Social Institutions 4 (4-0)
ICSO 203 Global Change in the Late Twentieth Century 4 (4-0)
ICSO 205 Paradigms in the Social Sciences I 4 (4-0)
ICSO 206 Paradigms in the Social Sciences II 4 (4-0)
ICSO 207 The History of the World Economy 4 (4-0)
ICSO 210 World History A (c.1400 - 1763) 4 (4-0)
ICSO 211 World History B (c.1763 - 1914) 4 (4-0)
ICSO 212 World History C (c.1914 - 1945) 4 (4-0)
ICSO 213 World History D (c.1945 - 2000) 4 (4-0)
ICSO 231 Modern History of East Asia 4 (4-0)
ICSO 232 Civilizations of East Asia 4 (4-0)
ICSO 234 The Indian Sub-Continent up to c.1500 4 (4-0)
ICSO 235 The Indian Sub-Continent since c.1500 4 (4-0)
ICSO 237 Australasia Since 1770 4 (4-0)
ICSO 238 Africa Since 1800 4 (4-0)
ICSO 239 The Middle East Since 1800 4 (4-0)
ICSO 241 Latin America Since 1800 4 (4-0)
ICSO 243 North America c. 1763-1900 4 (4-0)
ICSO 244 The United States and Canada since 1900 4 (4-0)
ICSO 245 European Society and Culture up to 1945 4 (4-0)
ICSO 246 Europe Since 1945 4 (4-0)
ICSO 247 The European Union: Development, Institutions, and Politics 4 (4-0)
ICSO 248 Russia and the Soviet Union since 1800 4 (4-0)
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ICSO 274 International Organizations 4 (4-0)
ICSO 275 Democracy as a Political System 4 (4-0)
ICSO 276 History of War 4 (4-0)

ICSO 280 Gender Issues in the Modern World 4 (4-0)
ICSO 281 The Social Impact of Science and Technology on Societies 4 (4-0)
ICSO 282 Global Media and Social Change 4 (4-0)
ICSO 283 International Cultural Studies 4 (4-0)
ICSO 285 Drugs and Society 2 (2-0)
ICSO 301 Research Methods in the Social Sciences 4 (4-0)
ICSO 302 Historiography 4 (4-0)
ICSO 303 Modern Social Theory 4 (4-0)
ICSO 332 Human Rights 4 (4-0)
ICSO 341 Society, Politics and Economics in Contemporary East Asia 4 (4-0)
ICSO 342 Society, Politics and Economics in Contemporary South Asia 4 (4-0)
ICSO 343 Society, Politics and Economics in Contemporary Australasia 4 (4-0)
ICSO 344 Society, Politics and Economics in Contemporary Africa 4 (4-0)
ICSO 345 Society, Politics and Economics in Contemporary Middle East 4 (4-0)
ICSO 346 Society, Politics and Economics in Contemporary Latin America 4 (4-0)
and the Caribbean
ICSO 347 Society, Politics and Economics in Contemporary North America 4 (4-0)
ICSO 348 Society, Politics and Economics in Contemporary Europe 4 (4-0)
ICSO 349 Society, Politics and Economics in Contemporary Russia and 4 (4-0)
ICSO 350 Contemporary China and the Chinese World 4 (4-0)
ICSO 351 Contemporary Japan and Korea 4 (4-0)
ICSO 360 Patterns and Consequences of Development 4 (4-0)
ICSO 366 Indigenous Cultures in the Modern World 4 (4-0)
ICSO 367 Environmental Issues in Social Context 4 (4-0)
ICSO 369 NGOs and Political and Business Contexts 4 (4-0)
ICSO 370 Diplomacy and Negotiation 4 (4-0)
ICSO 371 Foreign Policy of the Major Powers Since 1945 4 (4-0)
ICSO 374 Revolution, Terrorism and the Modern State 4 (4-0)
ICSO 376 War, the Military, Society and the State 4 (4-0)
ICSO 377 Devolution, Privatization and the State 4 (4-0)
ICSO 378 International Law and the State 4 (4-0)
ICSO 381 Ethnicity, Society and the State 4 (4-0)
ICSO 382 Religion, Society and the State 4 (4-0)
ICSO 383 International Crime and Law Enforcement 4 (4-0)
ICSO 384 Migration, Diasporas, and Culture 4 (4-0)
ICSO 390 Tourism: Development and Cultural Change 4 (4-0)

PSYCHOLOGY

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ICSP 251 Introduction to Developmental Psychology I 4 (4-0)
ICSP 252 Introduction to Developmental Psychology II 4 (4-0)
ICSP 253 Introduction to Social Psychology 4 (4-0)
ICSP 254 Theories of Personality 4 (4-0)
ICSP 255 Introduction to Abnormal Psychology 4 (4-0)
ICSP 256 Industrial and Organizational Psychology 4 (4-0)
ICSP 257 Educational Psychology 4 (4-0)
ICSP 258 Cross-Cultural Psychology 4 (4-0)
ICSP 350 Evolutionary Psychology 4 (4-0)
ICSP 351 Introduction to the Freudian and Psychodynamic Traditions 4 (4-0)
ICSP 352 Prosocial and Antisocial Behavior 4 (4-0)
ICSP 353 Clinical Psychology 4 (4-0)
ICSP 354 Psychological Testing 4 (4-0)
ICSP 355 Drug Use and Behavior 4 (4-0)

ICSP 356 Psychology of Emotion 4 (4-0)
ICSP 357 Psychology of Motivation 4 (4-0)

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ICSS 113 Introduction to Sociology 4 (4-0)
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ICSS 115 Introduction to Physical Anthropology 4 (4-0)
ICSS 116 Introduction to Political Science 4 (4-0)
ICSS 117 Introduction to Social Anthropology 4 (4-0)
ICSS 118 Introduction to Mass Communications 4 (4-0)
ICSS 121 Southeast Asian Studies 4 (4-0)
ICSS 135 Introduction to Human Geography 4 (4-0)
ICSS 136 Religious Experience and Traditions 4 (4-0)
ICSS 137 Introduction to Archaeology 4 (4-0)
ICSS 139 Tourism Geography 4 (4-0)
ICSS 202 Social Institutions 4 (4-0)
ICSS 203 Globalization and the Modern World 4 (4-0)
ICSS 211 Regional Geography of Southeast Asia 4 (4-0)
ICSS 212 History of Southeast Asia in the Modern Period 4 (4-0)
ICSS 213 Southeast Asian Political Systems 4 (4-0)
ICSS 214 Southeast Asian Women 4 (4-0)
ICSS 215 Southeast Asian Religious and Cultural Traditions 4 (4-0)
ICSS 221 Thai Society and Thai Culture 4 (4-0)
ICSS 222 Thai History 4 (4-0)
ICSS 231 The History of East Asia in the Modern Age 4 (4-0)
ICSS 234 The History and Culture of South Asia up to c.1500 4 (4-0)
ICSS 235 The History and Culture of South Asia since c.1500 4 (4-0)
ICSS 251 Developmental Psychology I 4 (4-0)
ICSS 252 Developmental Psychology II 4 (4-0)
ICSS 332 Introduction to Human Rights 4 (4-0)

TRAVEL INDUSTRY MANAGEMENT

ICTM 200 Fundamental Accounting 4 (4-0)
ICTM 201 Principles of Marketing 4 (4-0)
ICTM 210 Accounting for the Travel Industry 4 (4-0)
ICTM 211 Statistics for the Travel Industry 4 (4-0)
ICTM 212 Introduction to the Travel Industry 4 (4-0)
ICTM 213 Finance for the Travel Industry 4 (4-0)
ICTM 214 Economics of Tourism 4 (4-0)
ICTM 270 Consumer Behavior in Tourism (4-0)
ICTM 307 International Travel & Tourism 4(4-0)
ICTM 310 Event Management 4 (3-2)
ICTM 311 Sales and Marketing for the Travel Industry 4 (4-0)
ICTM 312 Human Resources Management for the Travel Industry 4 (4-0)
ICTM 313 Tourism Environments 4 (3-2)
ICTM 318 Business and Social Etiquette 4 (4-0)
ICTM 319 Eco-tourism Studies 4 (4-0)
ICTM 320 Lodging Property Management 4 (4-0)
ICTM 323 Front Office Management 4 (4-0)
ICTM 324 Food and Beverage Management 4(4-0)
ICTM 325 Housekeeping Management 4 (4-0)
ICTM 330 Cultural Heritage Management (4-0)

ICTM 331 Guide to Tourist Health and Safety 4 (4-0)
ICTM 341 Forest Tourism Management 4 (4-0)
ICTM 352 Tourism and Hospitality Law 4 (4-0)
ICTM 370 Technology for Tourism Industry 4 (4-0)
ICTM 400 Tourism Business Management 4 (4-0)
ICTM 401 Strategic Management for the Travel Industry 4 (4-0)
ICTM 410 Passenger Transportation Management 4 (4-0)
ICTM 413 Operations and Quality Management 4 (4-0)
ICTM 420 Sustainable Tourism Studies 4 (4-0)
ICTM 428 Tourism Guide 4 (3-2)
ICTM 430 Managing Package Tourism 4 (4-0)
ICTM 431 Rural Tourism 4 (4-0)
ICTM 433 Tourism in Developing Countries 4 (4-0)
ICTM 442 Hospitality Training 4 (4-0)
ICTM 472 Airline Business Management 4 (4-0)
ICTM 474 Supervision in Hospitality Business 4 (4-0)
ICTM 475 Introduction to Culinary Arts 4 (3-2)
ICTM 477 Hospitality Facilities Business 4 (4-0)
ICTM 478 Facilities Development & Planning in Hospitality 4 (4-0)
ICTM 480 Tourism and Hospitality Research Methods 4 (4-0)

TELEVISION PRODUCTION

ICTV 101 TV Production Techniques 4 (0-8)
ICTV 102 Multi-Camera Production 4 (0-8)
ICTV 201 TV Production Design 4 (1-6)
ICTV 202 On-Location Production 4 (0-8)
ICTV 203 Pre-Production 4 (1-6)
ICTV 204 TV Scriptwriting 4 (1-6)
ICTV 205 Production Procedures 4 (0-8)
ICTV 206 Scenery and Props Design 4 (0-8)
ICTV 301 Post Production 4 (0-8)
ICTV 302 News Gathering and Reporting 4 (0-8)
ICTV 303 TV Marketing and Sales 4 (1-6)
ICTV 304 Directing TV Drama 4 (0-8)
ICTV 305 Documentary Program Production 4 (0-8)
ICTV 351 TV Drama Scriptwriting 4 (0-8)
ICTV 352 Wardrobe for TV and Film 4 (0-8)
ICTV 353 Make-up for TV and Film 4 (1-6)
ICTV 354 News and Current Affairs Program 4 (0-8)
ICTV 355 Special Effects Make-up for TV and Film 4 (1-6)
ICTV 401 TV Drama 4 (0-8)