

Graduate Committee Meeting

Agenda

AY 2020-2021

Meeting Time 10:00 am – 12:00 pm



Graduate Committee Meeting

December 4, 2020

- 1) Chairs Call to Order
- 2) Roll Call
- 3) Old Business: Review of Minutes from October and November 2020 meetings
- 4) New Business: Review of Submissions
 - a) College of Sciences
 - i) School of Environmental and Marine Science
 - (1) Revise Course – MARS 5370 – removing UTRGV undergraduate prerequisite courses

Name	Type
MARS 5370 Topics in Marine Biology	Change Course

- ii) School of Mathematical and Statistical Science
 - (1) New Doctoral Program and course changes for PhD in MSIA (Modified from May 2020 approval)
 - (a) PhD in MSIA program of study changes

Name	Type
Doctor of Philosophy in Mathematics and Statistics with Interdisciplinary Applications	New Program

- (b) Delete course – MATH 6392 (replace with MATH 6333)
- (c) New Courses – MATH 6333, STAT 5301, MSIA (40 courses)

Name	Type
MATH 6333 Statistical Learning	New Course
MATH 6392 Statistical Learning	Delete Course
MSIA 8323 Group Theory	New Course
MSIA 8329 Number Theory	New Course
MSIA 8332 Algebra II	New Course
MSIA 8334 Machine Learning	New Course
MSIA 8335 Deep Learning	New Course
MSIA 8336 Introduction to Data Science	New Course
MSIA 8337 Information Theory	New Course
MSIA 8338 Mathematical Foundations of Statistical and Quantum Mechanics	New Course
MSIA 8339 Complex Theory	New Course
MSIA 8343 Linear Models	New Course
MSIA 8344 Function Space Methods in System Theory	New Course
MSIA 8346 Hydrodynamic Stability	New Course
MSIA 8347 Turbulence	New Course
MSIA 8348 Survival Analysis	New Course
MSIA 8349 Loss Models	New Course

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MSIA 8350 Actuarial Risk Theory	New Course
MSIA 8351 Nonlinear hyperbolic PDEs	New Course
MSIA 8353 Analysis II	New Course
MSIA 8361 Partial Differential Equations	New Course
MSIA 8362 Fourier Analysis	New Course
MSIA 8363 Integrable Systems	New Course
MSIA 8366 Micro-Local Analysis	New Course
MSIA 8367 Funcitonal Analysis	New Course
MSIA 8369 Mathematical Methods	New Course
MSIA 8371 Differential Geometry	New Course
MSIA 8374 Applications of Differential Geometry	New Course
MSIA 8376 Numerical Methods for Partial Differential Equations	New Course
MSIA 8377 Mathematical Fluid Mechanics	New Course
MSIA 8378 Inverse Problem and Image Reconstruction	New Course
MSIA 8379 Stochastic Processes	New Course
MSIA 8381 Mathematical Statistics	New Course
MSIA 8382 Statistical Computing	New Course
MSIA 8384 Biostatistics	New Course
MSIA 8385 Cryptology & Codes	New Course
MSIA 8387 Mathematical Modeling	New Course
MSIA 8388 Discrete Mathematics	New Course
MSIA 8398 Interdisciplinary Course	New Course
MSIA 9101 Graduate Research Seminar	New Course
MSIA 9901 Dissertation I	New Course
MSIA 9902 Dissertation II	New Course
STAT 5301 Statistical Data Analysis	New Course

b) College of Education

i) Department of Bilingual and Literacy Studies

- (1) Revise Program - MED in Bilingual Education – Adding two specializations to existing program – Mexican American Studies and Biliteracy Specialization

Name	Type
Bilingual Education (MED)	Change Program

c) College of Health Professions

i) Department of Health and Human Performance

- (1) New courses – KINE 6306, KINE 6307, KINE 6314, KINE 6318, KINE 6324 and KINE 6327 – elective options in current MS Kinesiology AOP program

Name	Type
KINE 6306 Resistance & Cardiovascular Training	New Course

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KINE 6307 Leadership & Professional Administration	New Course
KINE 6314 Sports Management	New Course
KINE 6318 Sports Marketing & Technology	New Course
KINE 6324 Applied Pedagogy in Physical Education and Coaching	New Course
KINE 6327 Behavioral Aspects of Physical Activity and Exercise	New Course

ii) **School of Rehabilitation Services and Counseling**

(1) New On-line Graduate Certificate Under 16 hours and new courses – Expressive Arts Therapy

(a) Expressive Arts Therapy Program of Study

Name	Type
Expressive Arts Therapy Certificate	New Program

(b) New courses – EXAR (5 new)

Name	Type
EXAR 7310 Principles of Expressive Arts	New Course
EXAR 7320 Expressive Arts Therapy Modalities - Visual Arts	New Course
EXAR 7325 Expressive Arts Therapy Modalities - Movement	New Course
EXAR 7330 Expressive Arts Therapy with Special Populations	New Course
EXAR 7335 Expressive Arts Therapy with Children and Adolescents	New Course

d) **College of Liberal Arts**

i) **Department of Political Science**

(1) New Course – POLS 6380 – create independent study course

Name	Type
POLS 6380 Independent Study	New Course

5) **Announcements or Other Informational Items**

i) Next meeting – January 15, 2021

6) **Adjournment**