



Graduate Studies Committee

GRADUATE STUDIES COMMITTEE AGENDA

Friday, October 17, 2014, 10-11:30 a.m.
2711 MHRA

- I. Approval of Minutes from September 12, 2014
- II. Report of the Chair —Kenneth Klase
- III. Report of the Senate Representative –David Ayers
- IV. Report of the Dean —William Wiener
- V. Report of the Curriculum Subcommittee — Nancy Callanan

ROUTINE CHANGES (Form D - No enclosures)

Motion to Approve:

- 1. **ATY 553: Human Osteology: Description, Data Collection, and Analysis** – Course number changed to ATY 453, and course title will be shortened to Human Osteology.
- 2. **CST 663: Seminar in Relational Communications** – Change course title to Seminar in Relational Communication.
- 3. **HIS 701: Colloquium in American History Before 1865** – Issues of historical interpretation from the Revolution through the Civil War. **Issues of historical interpretation from the Colonial Era through the Civil War.**
- 4. **MAT 503: Problem Solving in Mathematics** – Required for middle grades mathematics concentration. ~~This course cannot be applied toward the requirements for the MA degree in mathematics.~~ **Notes: Hours do not count toward degree requirements for a mathematics major. This course cannot be applied toward the requirements for the M.A. degree in Mathematics.**
- 5. **MAT 504: Foundations of Geometry for Teachers** - ~~Primarily for students seeking teacher certification... This course cannot be applied toward the requirements for the MA degree in mathematics.~~ **Notes: Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major. Notes: Hours do not count toward degree requirements for a mathematics major. This course cannot be applied toward the requirements for the M.A. degree in Mathematics.**
- 6. **MAT 505: Foundations of Math for Teachers** - ~~Primarily for students seeking teacher certification... This course cannot be applied toward the requirements for the MA degree in mathematics.~~ **Notes: Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major. Notes: Hours do not count toward degree requirements for a mathematics major. This course cannot be applied toward the requirements for the M.A. degree in Mathematics.**

7. **MAT 513: Historical Development of Mathematics** – Study of the historical development of mathematics, not a history of persons involved in development. ~~This course cannot be applied toward the requirements for the M.A. degree in Mathematics.~~ **Notes: Hours do not count toward degree requirements for a mathematics major. This course cannot be applied toward the requirements for the M.A. degree in Mathematics.**
8. **MAT 517: Theory of Groups** – Elementary properties of groups and homomorphisms, quotients and products of groups, the Sylow theorems, structure theory for finitely generated Abelian groups. **Elementary properties of groups and homomorphisms, quotients and products of groups, the Sylow theorems, structure theory for finitely generated abelian groups.**
9. **MAT 521: Projective Geometry** - Transformation groups and projective, affine and metric geometries of the line, plane, and space. Homogeneous coordinates, principles of duality, involutions, cross-ratio, collineations, fixed points, conics, ~~ideal and imaginary elements,~~ models, and Euclidean specializations. **Transformation groups and projective, affine and metric geometries of the line, plane, and space. Homogeneous coordinates, principles of duality, involutions, cross-ratio, collineations, fixed points, conics, models, and Euclidean specializations.**
10. **MAT 525: Intermediate Mathematical Analysis** – Change “infntie” to “infinite” in course descriptions.
11. **MAT 591: Advanced Abstract Algebra** - Groups: homomorphisms, quotient groups, ~~products of groups,~~ Sylow theorems, finitely generated abelian groups. Rings: homomorphisms, ideals, quotient rings, integral domains, Euclidean domains, factorization. Fields: algebraic extensions of fields, Galois theory. **Groups: homomorphisms, quotient groups, Sylow theorems, finitely generated abelian groups. Rings: homomorphisms, ideals, quotient rings, integral domains, Euclidean domains, factorization. Fields: algebraic extensions of fields, Galois theory.**
12. **MAT 592: Advanced Abstract Algebra** - Groups: homomorphisms, quotient groups, ~~products of groups,~~ Sylow theorems, finitely generated abelian groups. Rings: homomorphisms, ideals, quotient rings, integral domains, Euclidean domains, factorization. Fields: algebraic extensions of fields, Galois theory. **Groups: homomorphisms, quotient groups, Sylow theorems, finitely generated abelian groups. Rings: homomorphisms, ideals, quotient rings, integral domains, Euclidean domains, factorization. Fields: algebraic extensions of fields, Galois theory.**
13. **MAT 595: Mathematical Analysis** - Real number axioms, metric spaces, sequences, series, continuity, differentiation, the ~~Reimann-~~Stieltjes integral. **Real number axioms, metric spaces, sequences, series, continuity, differentiation, the Riemann-Stieltjes integral.**
14. **MAT 596: Mathematical Analysis** - Real number axioms, metric spaces, sequences, series, continuity, differentiation, the ~~Reimann-~~Stieltjes integral. **Real number axioms, metric spaces, sequences, series, continuity, differentiation, the Riemann-Stieltjes integral.**
15. **SES 656: Methods for Teaching Students with Learning Disabilities** – ~~Methods for Teaching Students with Learning Disabilities~~ Instruction for Students with High Incidence Disabilities (See Form G 1-4)
16. **SES 658: Methods for Teaching Students with Behavior/Emotional Disabilities** - ~~Methods for Teaching Students with Behavior/Emotional Disabilities~~ Positive Behavior Supports for High Incidence Disabilities (See Form G 1-4)

Motion to Approve Pending Minor Revisions:

17. **ENT/GEO/LIS 530: Researching Opportunities in Entrepreneurship & Economic Development** – Add MKT as a cross-listing of course.

NEW/AMENDED COURSE PROPOSALS (Form A)

Approve Pending Revisions:

1. **TED 580: Education in Global Settings** – Effective Summer 2015

ADDITION OR DISCONTINUATION OF CONCENTRATIONS, SECOND MAJOR OPTION, AND/OR MINORS (Form F)

Motion to Approve:

1. **TEHE – MEd, Teacher Education, The Learning Sciences Concentration** – Classify as a Distance Education program taught at Gateway University Research Park. Effective Summer 2015.
2. **TEHE – MEd, Teacher Education, Middle/Secondary Math Education Minor** – Classify as a Distance Education program taught at Gateway University Research Park. Effective Spring 2015.

PROGRAM REVISION (Form G)

Motion to Approve:

1. **Specialized Education Services – MEd, General Curriculum, Area of Focused Study: Assistive Technology Focus** – The Area of Focused Study: Assistive Technology Focus is being deleted because of low enrollment and student interest. Effective Spring 2015.
2. **Specialized Education Services – MEd, General Curriculum, Area of Focused Study: Birth-Kindergarten Focus** – The Area of Focused Study: Birth-Kindergarten Focus is being deleted because of low enrollment and student interest. Effective Spring 2015.
3. **Specialized Education Services – MEd, General Curriculum, Area of Focused Study: Leadership Focus** – The Area of Focused Study: Leadership Focus is being deleted because of low enrollment and student interest. Effective Spring 2015.
4. **Specialized Education Services – MEd, General Curriculum, Area of Focused Study: Reading Focus** – The Area of Focused Study: Reading Focus is being deleted because of low enrollment and student interest. Effective Spring 2015.

VI. Report of the Policies and Procedures Subcommittee – Kenneth Klase

VII. Report of the Student Affairs Subcommittee – Anthony Cuda

VIII. New Business/Other

Discussion of the Pearson Test for English (PTE).

IX. Adjournment

Enclosures