

Plymouth State UNIVERSITY

COLLEGE OF GRADUATE STUDIES

Fall 2009 Graduate Course Schedule

Please note that courses are subject to change. REGISTER EARLY to reserve your space!
Please visit plymouth.edu/graduate/directions for directions to courses held off campus.

Administration and Educational Leadership

AD - Administration

AD5300.01 **CRN: 10292** **SCHOOL FINANCE AND NEGOTIATION**
Plymouth – Rounds Hall 303 Mark Halloran mjhalloran@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Wednesday 5PM – 9PM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/28

The development of school budgets that support the planning processes within a school setting will be covered. Other relevant topics will include cost effectiveness, revenue sources, communication with the public, capital projects, state and federal programs, using the budget to promote excellence in the schools, and principles and practices in collective bargaining. Prerequisite: AD 5010.

AD5700.01 **CRN: 10430** **SCHOOL LAW**
Plymouth – Hyde Hall 327 Theodore Comstock tecomstock@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Monday 5PM – 9PM 10/5, 11/9, 11/16
Tuesday 5PM – 9PM 10/13, 10/27
Thursday 5PM – 9PM 9/10, 9/17, 9/24

Federal and state laws that apply to school systems, educational programs, and personnel will be discussed. Also covered will be the legal prerogatives available to the administrator and local boards of education. Consideration of constitutional, statutory, and case-law foundations of education systems, and the school administrator's role will be discussed. Prerequisite: AD 5010.

AD5800.01 **CRN: 10285** **PRACTICUM IN ADMINISTRATION & SUPERVISION**
Plymouth Michael Morgan mmorgan@plymouth.edu
3 Credits [Syllabus](#)
Please contact instructor (mmorgan@plymouth.edu) to arrange meeting dates and times.

A practical encounter with the administrative practices, strategies and policies presently used in the public schools. Practicum visitations are required as part of the course and will be especially designed to match the experience, occupational aspirations and interests of the student. Conference with the instructor and meetings with fellow students will provide for exchange of ideas and reports of observations. AD 5010 and AD 5020 recommended but not required. It is recommended that this course be taken near the end of the candidate's program.

EP - CAGS (Certificate of Advanced Graduate Studies)

EP7070.01 **CRN: 10410** **CONTEMPORARY SOCIAL TRENDS**
Plymouth – Rounds Hall 118 Marianne True mtrue@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Tuesday 5PM – 8PM 9/22, 10/6, 10/20, 11/3, 11/17

Contemporary social, economical, political, and educational issues are the core of the course. They are identified in a forum that provides opportunities for the students to research current methodology together to address problems that relate to the specific roles of the course participants in their work inside or outside of the educational field. Working collaboratively, course candidates explore short-range and long range problem-solving strategies directed toward increasing their awareness of community perception and expectations, techniques for facilitating institutional change, and responding to the nature and culture of internal and external political systems and environments as they apply to their work sites.

EP7800.01 **CRN: 10463** **PRACTICUM IN EDUCATIONAL LEADERSHIP: THE SUPERINTENDENCY**
NEW Plymouth Phillip McCormack pgmccormack@plymouth.edu
1 – 6 Credits
Please contact instructor (pgmccormack@plymouth.edu) to arrange meeting dates & times.

A collaborative supervised field experience in one of several cooperating institutions or agencies. The purpose is to gain meaningful work experience as an administrator through applying knowledge learned in coursework to on-the-job situations. It is recommended that this course be taken near the end of the candidate's program.

EP - Doctor of Education (EdD) in Learning, Leadership, and Community

EP8020.01 CRN: 10445 ETHICAL LEADERSHIP & ADVOCACY

UPDATED
 Plymouth – Lamson Library 124
 3 Credits
 Gail Mears gmears@plymouth.edu
 Gary Goodnough ggoodno@plymouth.edu
 This course is designed for doctoral students only and requires permission of the instructor prior to registration (gmears@plymouth.edu). Please note that the November class will meet in the Mary Lyon conference room 026.
Saturday 9AM – 4PM 9/26, 10/24, 11/14

Whether it be personnel issues, the distribution of resources or the dissemination of information, leaders are expected to exhibit and promote ethical behavior. This course focuses on ethical leadership and advocacy with an approach grounded in professional standards. Students will study and respond to cases in which ethical behavior may be challenged as they work to apply the ethical responsibilities of leaders. Topics address central issues of moral philosophy and identification and understanding of moral challenges from a leadership perspective. In addition, students will demonstrate their abilities to advocate effectively at the local, regional, and public policy levels.

Art, Integrated Arts and Music**AE - Art Education****AE5020.01 CRN: 10286 CONTEMPORARY CHALLENGES IN ARTS EDUCATION: CREATING EXHIBITS**

Plymouth – Draper and Maynard Hall 314
 Catherine Amidon camidon@plymouth.edu
 3 Credits [Syllabus](#)
 This course has an online component using Blackboard.
Tuesday 5:30PM – 8PM 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20
Saturday 9:30AM – 5PM 9/26

Exhibitions are sites of encounter between people and material culture that build bridges of understanding through visual, textural and sometimes auditory experiences. This course will present an introduction to the history of exhibitions and their contemporary role. Texts, websites, lectures and exhibition visits offer the means to engage the relationship of history and cultural objects on display to the ever-changing understanding and interpretation of knowledge, past, present, self and community. The steps for creating an exhibition will be explored from different perspectives; then, students in collaborative groups will be asked to develop exhibition materials.

AE5050.01 CRN: 10287 ELEMENTARY METHODS & MATERIALS IN ART EDUCATION

Plymouth – Draper and Maynard Hall 311
 Alexis Eynon aeynon@plymouth.edu
 3 Credits [Syllabus](#)
Wednesday 5:30PM – 7:30PM 9/23, 9/30, 10/7, 10/14, 11/18
Saturday 9AM – 3PM 9/5, 10/24, 10/31, 11/7, 11/21

This course will provide the opportunity to develop an in-depth understanding of the correlative roles of children's holistic learning, artistic growth, and development, which will provide the foundation for the study and application of constructivist and learner-centered approaches to instructional planning and dialogic pedagogy applied to art education. Study will encompass content of undergraduate courses AE 2000 and AE 3050, and extend to an applied research project and expanded theoretical reading in art education. Readings, research, discussion, studio production, and classroom observations will provide the framework for the study of art education as a discipline incorporating studio production, aesthetics, art history, and criticism. Art materials health and safety regulations will be examined. A 20-hour school observation component is required.

AE5410.01 CRN: 10412 ART EDUCATION INTERNSHIP

Plymouth
 William Haust bhaust@plymouth.edu
 1 – 9 Credits [Syllabus](#)
 Please contact instructor (whaust@plymouth.edu) for meeting dates and times.

The culminating public school field-based teaching experience for MAT Art Education majors that fulfills the student teaching requirements for New Hampshire K-12 teacher certification in art education. The internship is a continuous, full-time (five days per week) experience at both elementary and secondary levels during which, after a period of structured observation, students gradually assume responsibility for a full range of visual art teaching activities encountered in a school situation, thereby demonstrating the appropriate professional skills and attitudes essential for successful teaching of diverse populations of students. The internship is conducted under the supervisory guidance of certified K-12 school art faculty and PSU Art Education Clinical Faculty. Required seminars complement the experience. Falls and Springs. Prerequisite: Completion of all course requirements for the MAT in Art Education. All the policies related to the undergraduate and graduate field experience apply to this course.

IN - Integrated Arts**IN5210.01 CRN: 10321 GRADUATE PRACTICUM INTEGRATED ARTS**

Plymouth
 Patricia Lindberg plindber@plymouth.edu
 3 Credits
 Please contact instructor (plindber@plymouth.edu) to arrange meeting dates and times.

A supervised practicum experience in a candidate's school, employment setting or at one of several cooperating institution or arts organizations in New Hampshire where additional experience in integrated arts can be gained and practiced. Commitment includes a negotiated number of hours per week and a series of journals, a portfolio, and meetings with the faculty supervisor.

ME - Music Education

ME5260.01 CRN: 10369 INSTRUMENTAL CONDUCTING & REPERTOIRE

Plymouth

Gerard Corcoran

garyc@plymouth.edu3 Credits [Syllabus](#)Please contact instructor (garyc@plymouth.edu) to arrange meeting dates and times.

The study of instrumental conducting as applied to the public school setting, with emphasis on developing effective teaching and rehearsal strategies is the focus for this course. Study will include available published methods and pedagogical materials as well as age-appropriate study performance repertoire. On-site observation and advising will involve one or more of the student's ensembles. Attendance at periodically scheduled on-campus seminars will also be required.

Athletic Training**AT - Athletic Training****AT5100.01 CRN: 10378 ADMINISTRATION OF ATHLETIC TRAINING**

Plymouth – Draper and Maynard Hall 404

Linda Levy

levy@plymouth.edu3 Credits [Syllabus](#)

Tuesday 9:30AM – 10:45AM 9/1, 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17, 12/1, 12/8, 12/15

Thursday 9:30AM – 10:45AM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 12/3, 12/10, 12/17

This course will examine the knowledge, skills, and values that the entry-level athletic trainer must possess to develop, administer, and manage a healthcare facility and associated venues that provide healthcare to athletes and others involved in physical activity. Additionally, this course will provide the knowledge, skills, and values that an entry-level athletic trainer must possess to understand professional responsibilities, avenues of professional development, and national and state regulatory agencies and standards in order to promote athletic training as a professional discipline and to educate athletes, students of athletic training, the general public, the physically active, and associated individuals.

AT5500.01 CRN: 10380 MODALITIES IN SPORTS MEDICINE

Plymouth – Draper and Maynard Hall 404

Liesl Lindley

llindley@plymouth.edu

3 Credits

Please note that all Thursday classes will meet in PE 139.

Monday 10:10AM – 11AM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14

Wednesday 10:10AM – 11AM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

Thursday 11:30AM – 1:30PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 11/26, 12/3, 12/10, 12/17

Friday 10:10AM – 11AM 9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 12/18

This is a comprehensive course in the theory and use of therapeutic modalities in a sports medicine setting. Principles of neurophysiology, pain control, and the electromagnetic and acoustic spectra will be discussed and applied through lab experiences.

AT5750.01 CRN: 10379 PRACTICUM IN ATHLETIC TRAINING I

Plymouth – Draper and Maynard Hall 419

Liesl Lindley

llindley@plymouth.edu3 Credits [Syllabus](#)

Monday 8AM – 8:50AM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14

Wednesday 8AM – 8:50AM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

Practicum in Athletic Training is designed to provide the graduate student in athletic training some hands-on experiences with which to understand, recognize, evaluate, and treat athletic injuries and illnesses using the range of skills required of an athletic training professional. Experience is completed under the direct supervision of a certified athletic trainer.

AT5770.01 CRN: 10381 PRACTICUM IN ATHLETIC TRAINING III

Plymouth – Draper and Maynard Hall 419

Liesl Lindley

llindley@plymouth.edu3 Credits [Syllabus](#)

Monday 8AM – 8:50AM 9/7, 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14

Wednesday 8AM – 8:50AM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

Practicum in Athletic Training is designed to provide the graduate student in Athletic Training some hands-on experiences with which to understand, recognize, evaluate and treat athletic injuries and illnesses using the range of skills required of an athletic training professional. Experience is completed under the direct supervision of a certified athletic trainer.

AT5800.01 CRN: 10382 CURRENT ISSUES IN ATHLETIC TRAINING

Plymouth – Draper and Maynard Hall 406

Linda Levy

levy@plymouth.edu3 Credits [Syllabus](#)

Thursday 8AM – 9:15AM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 11/26, 12/3, 12/10, 12/17

This course was designed to provide a forum for discussion of contemporary issues in athletic training. Presentations will be made by students, instructor and guest lecturers.

Business

BU - Business

BU5110.01 **CRN: 10383** **MANAGING ORGANIZATIONAL BEHAVIOR**
Plymouth – Hyde Hall 127 Robert McElwee rmcelwee@plymouth.edu
3 Credits [Syllabus](#)
Tuesday 6PM – 9:30PM 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17

A review of theory and research findings in the field of organizational behavior, with emphasis on applications by practicing managers. Topics to be covered include perception, motivation, leadership, communication, group dynamics, conflict management and organization theory. Pedagogical techniques include case analysis, presentations, role plays and other experiential activities. Prerequisite: Behavioral Science competency.

BU5510.01 **CRN: 10391** **OPERATIONS MANAGEMENT**
Plymouth – Hyde Hall 127 Richard Sparks rsparks@plymouth.edu
3 Credits [Syllabus](#)
Thursday 6PM – 9:30PM 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19

Examination of the nature and structure of decision-making in the midst of uncertainty. Formal techniques for measurement of risks and rewards are applied to case studies based chiefly on production systems. Concludes with a survey of current techniques for operations analysis, planning and control.

Computer Education

CE - Computer Education

CE5120.01 **CRN: 10291** **THE INTEGRATION OF TECHNOLOGY**
Plymouth – Rounds Hall 204 Ethel Gaides e_gaides@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Thursday 5:30PM – 8:30PM 9/3, 9/17, 10/1, 10/15, 10/29, 11/12

This instructional technology foundation course is designed to provide K-12 educators, school librarians/media teachers, and administrators with an understanding of the ways that current and emerging technologies can be used to facilitate teaching, learning, and managing instruction. Discussions will focus on issues, trends, and current uses of technology in K-12 education. Lab sessions will focus upon gaining experience on IBM compatible or Macintosh computers, learning software applications with Microsoft Office, evaluating educational software, designing technology-enhanced lessons, and utilizing telecommunications for K-12 curriculum integration. This is an introductory course and is specifically focused on educators wanting a hands-on approach to learning new technology skills.

Counseling and School Psychology

CO - Counseling

CO5010.01 **CRN: 10399** **FOUNDATIONS OF THE COUNSELING PROFESSION**
Plymouth – Boyd Hall 005 Gail Mears gmears@plymouth.edu
3 Credits
Tuesday 5PM – 8PM 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10
Saturday 9AM – 4PM 10/31

This course provides foundational understanding of the philosophical and ethical underpinnings of the counseling field and professional orientation through an examination of theories, processes, competencies, and specialties. This course promotes intrapersonal and interpersonal awareness and its relationship to the characteristics of effective counselors.

CO5020.01 **CRN: 10400** **COUNSELING SKILLS**
Plymouth – Hyde Hall 435J Karen Hall-Renn kehall1@plymouth.edu
3 Credits [Syllabus](#)
Wednesday 5PM – 8:45PM 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18

The course is designed to help students develop basic counseling skills. Through role play, practice interviews, and tape transcriptions, students will have the opportunity to learn and practice basic counseling skills. The relationships among theory, case conceptualizations, and counseling interventions will be examined. Ethical and culturally responsive practices will be emphasized. Prerequisites: CO 5260 and CO 5010 or SY 6010.

CO5030.01 **CRN: 10401** **SCHOOL COUNSELING**
Plymouth – Hyde Hall 314 Gary Goodnough ggoodno@plymouth.edu
3 Credits [Syllabus](#)
Monday 5PM – 8:45PM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30

Provides opportunities for students to understand school counselors' roles and responsibilities. Students will understand the development, organization and administration of comprehensive guidance and counseling programs. Also focuses upon decision-making within a legal and ethical context, cultural diversity and contemporary issues facing school counselors. Prerequisite: CO 5010 and CO 5260. There is a 20-hour pre-practicum field experience as part of this course.

CO5100.01 **CRN: 10402** **PRACTICUM IN COUNSELING**
CLOSED Plymouth – Boyd Hall 236 Karen Hall-Renn kehall1@plymouth.edu
3 Credits [Syllabus](#)
Please contact instructor (kehall1@plymouth.edu) to arrange additional meeting dates and times.
Tuesday 6PM – 7:30PM 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17

CO5100.02 **CRN: 10487** **PRACTICUM IN COUNSELING**
NEW Plymouth – Boyd Hall 236 Karen Hall-Renn kehall1@plymouth.edu
3 Credits [Syllabus](#)
Tuesday 6PM – 7:30PM 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17

A basic laboratory practicum for all M.Ed. students in the School Counseling and Mental Health concentration. The focus is on the development of basic counseling skills through lecture, demonstration, class participation, discussion, practice counseling with classmates, observation, counseling with clients, individual supervision and group supervision. This course has a 100-hour field requirement. Offered fall and spring. Prerequisites: CO 5010, CO 5260, ED5030, CO5020. Prerequisite or corequisite: CO 5780 or CO 5790. CO5770 is an additional prerequisite for Mental Health Counseling students only.

CO5150.01 **CRN: 10297** **EATING DISORDERS CLINICAL**
Plymouth – Draper and Maynard Hall 406 Margaret Burckes-Miller margaret@plymouth.edu
1 – 3 Credits
Please contact instructor (margaret@plymouth.edu) to arrange meeting dates and times.

This clinical experience is a capstone course for those enrolled in the eating disorders certificate program. Students will be able to choose a focus on awareness and prevention, and education experience or a clinical experience working in an eating disorders treatment facility for 120 hours. Prerequisite: 12 credits of eating disorders certificate program. Also presented as HL 5150.

CO5160.01 **CRN: 10298** **EATING DISORDER AWARENESS & PREVENTION**
Plymouth – Draper and Maynard Hall 406 Margaret Burckes-Miller margaret@plymouth.edu
3 Credits [Syllabus](#)
Friday 5PM – 9PM 9/25, 10/16
Saturday 8:30AM – 4:30PM 9/26, 10/17
Sunday 8:30AM – 4:30PM 9/27

The focus of the course will be on increasing the student's knowledge of awareness, education, prevention and treatment of eating disorders. Discussion will include diagnostic classifications; causes of eating disorders; history, prevalence and treatment approaches to eating disorders; a discussion of a wellness/holistic approach to medical, nutritional and psychological therapies; special populations, i.e., women, children, males, athletes; prevention programs; resources; the latest research and information on becoming a coordinator of Eating Disorder Awareness and Prevention Week. Also presented as HL 5160.

CO5260.01 **CRN: 10403** **THEORETICAL FOUNDATIONS OF COUNSELING**
Plymouth – Hyde Hall 435J Gail Mears gmears@plymouth.edu
3 Credits
Please contact instructor (gmears@plymouth.edu) for additional meeting dates and times.
Thursday 5PM – 8:45PM 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 11/5(4PM- 8:45PM)

Major counseling theories and their relationship to the counseling process are explored. Individual, familial, and systemic models are presented along with dynamics and issues that reflect and cross theoretical perspectives. Students will be required to compare and contrast counseling theories and strategies, consider appropriate application of these strategies in diverse populations, and develop a personal model for providing help and facilitating behavioral change. Prerequisite or corequisite: CO 5010 or SY 6010.

CO5560.01 **CRN: 10404** **ST:FOUNDATIONS OF ACADEMIC ADVISING IN HIGHER EDUCATION**
Plymouth – Hyde Hall 214 Patrick Cate pcate@plymouth.edu
3 Credits [Syllabus](#)
Tuesday 5PM – 9PM 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17

This is an introduction to academic advising in higher education. Theoretical concepts as well as application will be covered. This course will focus on current models and developmental advising techniques.

CO5650.01 **CRN: 10300** **CRITICAL ISSUES: SCHOOL COUNSELING & SPECIAL EDUCATION**
Plymouth – Rounds Hall 204 Leo Sandy lsandy@plymouth.edu
3 Credits [Syllabus](#)
Wednesday 5PM – 8:45PM 9/2, 9/9, 9/16, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18

This course focuses on the role of the school counselor in special education and crisis prevention and intervention. Topics include special education processes, roles, laws, ethics, disability categories, the Individual Educational Plan (IEP), cultural factors, school learning, divorce, bullying, child abuse, death, illness, parents with disabilities, moving, school violence and disasters, suicide, substance abuse, homosexuality, adolescent parenthood, parent-adolescent crises, rape and sexual assault and eating disorders.

CO5700.01 **CRN: 10405** **CRITICAL ISSUES: MENTAL HEALTH COUNSELING**
Plymouth – Hyde Hall 315 Robert Hlasny rhlasny@plymouth.edu
3 Credits [Syllabus](#) Robert Ulman raulman@plymouth.edu
Judith Coleman jcoleman@plymouth.edu
Thursday 5PM – 8:30PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19

This course examines models of crisis intervention, trauma and substance abuse treatment. Students will learn current intervention models, how to evaluate risk factors, and how to determine and utilize resources. Prerequisite: CO 5010.

CO5770.01 **CRN: 10433** **PSYCHOPATHOLOGY: DISORDERS OF CHILDHOOD, ADOLESCENCE & ADULTHOOD**
Plymouth – Hyde Hall 315 Phillip Sanguedolce psanguedolce@plymouth.edu
3 Credits [Syllabus](#)
Monday 5PM – 8:45PM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23

Course provides a clear, balanced presentation of the psychology of abnormal behavior including current theoretical models, research, clinical experiences, therapies and controversies. Enables student to understand psychological/psychiatric disorders as discrete clinical conditions and to be able to apply differential diagnoses. Fall. Prerequisite: CO5010 or SY6010 or permission of instructor.

CO5850.01 **CRN: 10407** **SEMINAR & INTERNSHIP IN SCHOOL COUNSELING**
Plymouth – Counseling Center Gary Goodnough ggoodno@plymouth.edu
1 – 6 Credits [Syllabus](#)
Thursday 5:30PM – 7:30PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12

Personal, educational and career guidance and counseling experiences performed under supervision of a certified counselor and conducted in a public school setting. In addition to the required field experiences totaling 600 hours, students must attend seminar meetings on campus with fellow student interns and the Plymouth supervisor to exchange viewpoints and feedback. Designed to be the culminating experience in the Counselor Education program. Prerequisite: Completion of all required courses, school counseling and consent of instructor.

CO5880.01 **CRN: 10424** **SEMINAR & INTERNSHIP IN MENTAL HEALTH COUNSELING**
Plymouth – Boyd Hall 005 Heather McNally hemcnally@plymouth.edu
1 – 12 [Syllabus](#)
Credits
Thursday 6PM – 8PM 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19

A 900-hour clinical counseling experience under supervision and conducted in a mental health counseling setting. Students must attend an on-campus seminar with fellow student interns that provides an opportunity for case presentation and professional development. Designed to be the culminating experience in the Mental Health Counseling concentration. Students must provide evidence of liability insurance. Prerequisites: completion of all required courses in the Mental Health Counseling concentration and consent of the Plymouth internship supervisor. Variable and repeatable.

CO7300.01 **CRN: 10425** **COUNSELING SUPERVISION**
Plymouth – Hyde Hall 314 Heather McNally hemcnally@plymouth.edu
3 Credits [Syllabus](#)
Wednesday 5PM – 8:45PM 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18

This course addresses theoretical, ethical, legal, relational and practical issues in counseling supervision. In addition to reviewing the fundamentals of counseling supervision, the course will provide an experientially based opportunity to develop and practice relevant supervision strategies.

SY - School Psychology

SY6010.01 **CRN: 10351** **FOUNDATIONS-SCHOOL PSYCHOLOGY**
Plymouth – Highland Hall 039 Leo Sandy lsandy@plymouth.edu
3 Credits [Syllabus](#)
Monday 5PM – 8:45PM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23

This survey course will introduce students to the areas of assessment, treatment, and prevention of learning, behavior, and emotional problems in school-age children. Students will become familiar with a variety of psychological issues within a school environment. Students will become familiar with testing inventories as well as alternative ways of assessing children with difficulties. Ethical topics and procedures will be discussed. Students will be required to demonstrate professionalism, academic and personal integrity, and become familiar with the diverse roles and responsibilities of school psychologists. The iWebfolio will be introduced and students will address the state standards for school psychology through the iWebfolio. The course has a 25-hour pre-practicum requirement.

SY6400.01 **CRN: 10446** **ADMINISTERING INDIVIDUAL INTELLIGENCE TESTS**
CLOSED Plymouth – Lamson Library 031 Peter Whelley ptwhelley@plymouth.edu
3 Credits [Syllabus](#)
Tuesday 5PM – 8:45PM 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17

Students will learn about the history and theories of intelligence testing. They will develop the skill to administer two norm-referenced intelligence tests (Child and Adult Editions of Wechsler Scales), interpret the results, and write and present cogent results of their findings as it relates to the child adolescent and their learning. This course prepares school psychology candidates for the internship where they will gain proficiency in assessing cognitive ability.

SY6800.01 **CRN: 10416** **SCHOOL PSYCHOLOGY INTERNSHIP & SEMINAR**
Plymouth – Boyd Hall 005 Jonas Taub jtaub@plymouth.edu
1 – 12 [Syllabus](#)
Credits
Wednesday 5PM – 8:45PM 9/2, 9/16, 9/30, 10/7, 10/21, 11/4, 11/18

As the culminating component in the School Psychology Program, this field experience will be done in a public school setting under the supervision of a certified school psychologist. Students will also attend a seminar on campus to discuss their experiences, present psychological evaluations and interventions, and engage in mutual problem solving relative to dilemmas and issues encountered in the field experience. Prerequisites include completion of all required courses and permission of the internship instructor.

Education

ED - Education

ED5010.01 **CRN: 10306** **PHILOSOPHY, ETHICS & EDUCATION**
UPDATED Plymouth Allan DiBiase adibiase@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Saturday 9AM – 4PM 9/5, 9/12, 9/19, 9/26, 10/3, 10/10

Students must register by 9/1/09 and have hiking gear and physical conditioning suitable for moderate difficulty hiking in NH. Students registering must have permission of the instructor (adibiase@plymouth.edu) and the ability to travel to off-campus locations. Students must contact the instructor via e-mail in advance of the first class to learn about the location of the first class. The course has an online component through Blackboard. This section is suited for moderate level hikers capable of 5-6 miles (may involve non-technical mountain climbing). Detailed information about this section is available at www.learningat.multiply.com

ED5000.01 **CRN: 10302** **SOCIAL BEHAVIOR IN A DIVERSE SOCIETY**
CLOSED Plymouth – Rounds Hall 303 Michael Fischler mfischle@plymouth.edu
3 Credits [Syllabus](#)
Tuesday 5PM – 9PM 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10

Seeks to examine the manner in which the behavior, feelings, or thoughts of one individual are influenced by the behavior or characteristics of others. Topics to be considered include social perception, attitudes, gender, social cognition, conflict, social influence, intercultural awareness, prejudice, discrimination, aggression, and group behavior. Fall, spring, and summer.

ED5030.01 **CRN: 10309** **RESEARCH DESIGN**
UPDATED Plymouth – Rounds Hall 118 Dean Cascadden dcascadden@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Thursday 6:30PM – 9:30PM 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12

Knowledge and understanding of the commonly accepted research designs. Study of research instruments and statistics used in educational research. Wide reading in various types of research design. Critical analysis of research design.

ED5060.01 **CRN: 10310** **THEORIES OF LEARNING AND COGNITIVE DEVELOPMENT**
Plymouth – Highland Hall 039 Fran Rancourt francourt@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Tuesday 5PM – 8:30PM 9/22, 9/29, 10/6, 10/20

ED5060.02 **CRN: 10311** **THEORIES OF LEARNING AND COGNITIVE DEVELOPMENT**
Plymouth – Highland Hall 039 Fran Rancourt francourt@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Tuesday 5PM – 8:30PM 10/13, 10/27, 11/10, 11/24

An overview of current theories concerning the brain, development, and learning. Analysis of developmental concepts from birth through adolescence and adulthood. Discussion of language acquisition, thinking and learning styles, multiple intelligence, and creativity. Topics include teaching, learning, and assessment issues related to cultural diversity, technology, and learning differences.

ED5210.01 **CRN: 10448** **GRADUATE PRACTICUM**
NEW Plymouth – Boyd Hall 005 Lynnette Lawrence lalawrence@plymouth.edu
1 – 6 Credits [Syllabus](#)
Students must submit an Internship/Practicum Confirmation form (plymouth.edu/graduate/forms) at the time of registration. Teaching field experience for students currently employed as teachers in their field in the Master of Education Elementary and Secondary Education programs. Students must have all course work for their program, including any required undergraduate prerequisites, completed before taking this course.
Monday 5:30PM – 8:30PM 8/17, 9/21, 10/19, 11/16

A supervised practicum experience in one of several cooperating institutions or agencies in New Hampshire. The purpose is to gain meaningful work experience through applying knowledge learned in previous course work to the on-the-job situation. Commitment includes a negotiated number of hours per week and participation in seminars. Supervision is by the institution or agency concerned, and by Plymouth faculty. Students anticipating more than three hours of credit should confer early in their program with the department chair to free up sufficient blocks of time. Permission of advisor, department chair and Associate Vice President is required.

ED5270.01 **CRN: 10312** **FOUNDATIONS OF TEACHING**
CLOSED Plymouth – Highland Hall 039 William Lander wplander@plymouth.edu
3 Credits [Syllabus](#)
Monday 5:30PM – 9PM 11/30
Wednesday 6PM – 9PM 9/9, 9/16, 9/23(5:30PM – 9PM), 9/30(5:30PM – 9PM), 10/7(5:30PM – 9PM),
10/14(5:30PM – 9PM), 10/21(5:30PM – 9PM), 10/28(5:30PM – 9PM), 11/4(5:30PM – 9PM), 11/18(5:30PM – 9PM)

An introduction to the teaching profession and the realities of teaching in today's schools. A series of seminars includes such topics as the history and structure of education, societal issues, the role of the teacher, instructional planning, legal rights and responsibilities of students and teachers, learning styles and effective teaching. A school observation/participation experience of a minimum of 30 hours is required.

ED5430.01 **CRN: 10426** **INTERNSHIP IN COLLEGE TEACHING**
Plymouth – Rounds Hall 303 Elliott Gruner eggruner@plymouth.edu
3 Credits [Syllabus](#)
Thursday 5PM – 8PM 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19

Supervised internship in the development of a first-teaching field under the mentorship of an assigned faculty member. Development of a learning framework for teaching at the post-secondary level with attention to models of instruction, learning styles and needs of the college student and non-traditional learner. Presentation of course syllabus, course topics and concept lectures, course projects, tests and related materials. May be repeated with permission of instructor. Fall and offered on demand.

ED5570.01 **CRN: 10313** **CLASSROOM INTERVENTIONS & SPECIAL EDUCATION STRATEGIES**
CLOSED Plymouth – Rounds Hall 203 Marcel Lebrun mrlebrun@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard
Monday 4:30PM – 7:30PM 9/14, 9/28, 10/19, 11/2

Analysis of models and dynamics involved in planning, teaching, and evaluating environments for special needs students. An overview of special education, characteristics of individuals with disabilities, individualized educational plans, functional behavior assessment, practical teaching strategies, and the New Hampshire Special Education Process and Policies. An observation component of 15 hours will be required of all students not presently in a school or teaching situation.

ED5960.01 **CRN: 10314** **INTERNSHIP IN TEACHER EDUCATION**
Plymouth – Boyd Hall 005 Lynnette Lawrence lelawrence@plymouth.edu
1 – 9 Credits [Syllabus](#)
Students must submit an Internship/Practicum Confirmation form (plymouth.edu/graduate/forms) at the time of registration.
Monday 5:30PM – 8:30PM 8/17, 9/21, 10/19, 11/16

Student teaching for students in the Master of Education Elementary or Secondary Education programs. Students must have all course work for the degree, including any required undergraduate prerequisites, completed before taking this course.

English

EN - English

EN5000.01 **CRN: 10420** **TEACHER ACTION RESEARCH**
Plymouth – Lamson Library 031 Meg Petersen megp@plymouth.edu
3 Credits [Syllabus](#)
Thursday 5PM – 7PM 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19

This course is designed to provide a background in qualitative classroom-based research. Students design a research project in which they find and frame a research question that they will investigate through interview, observations, participant observations and/or analysis of artifacts. They will write up and present the results of this limited study.

EN5870.01 **CRN: 10315** **TEACHING SECONDARY LITERATURE**
Plymouth – Rounds Hall 207 Megan Birch mbirch@plymouth.edu
3 Credits [Syllabus](#)
Wednesday 5:30PM – 8PM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18

Instructional methods and materials used in teaching literature at the secondary (5-12) level. Observation and participation in local schools is required.

Health

HL - Health Education

HL5150.01 **CRN: 10326** **EATING DISORDERS CLINICAL**
Plymouth Margaret Burckes-Miller margaret@plymouth.edu
1 – 3 Credits
Please contact instructor (margaret@plymouth.edu) to arrange meeting dates and times.

This clinical experience is a capstone course for those enrolled in the eating disorders certificate program. Students will be able to choose a focus on awareness, prevention, and education experience or a clinical experience working in an eating disorders treatment facility for 120 hours. Prerequisite: 12 credits of Eating Disorders certificate program.

HL5160.01 **CRN: 10327** **EATING DISORDER AWARENESS & PREVENTION**
Plymouth – Draper and Maynard Hall 406 Margaret Burckes-Miller margaret@plymouth.edu
3 Credits [Syllabus](#)
Friday 5PM – 9PM 9/25, 10/16
Saturday 8:30AM – 4:30PM 9/26, 10/17
Sunday 8:30AM – 4:30PM 9/27

The focus of the course will be on increasing the student's knowledge of awareness, education, prevention and treatment of eating disorders. Discussion will include diagnostic classifications; causes of eating disorders; history, prevalence and treatment approaches to eating disorders; a discussion of a wellness/holistic approach to medical, nutritional and psychological therapies; special populations, i.e., women, children, males, athletes; prevention programs; resources; the latest research and information on becoming a coordinator of Eating Disorder Awareness and Prevention Week. Also presented as CO 5160.

HP - Health Promotion

HP5070.01 **CRN: 10451** **COMMUNITY HEALTH PROMOTION**
Plymouth – Draper and Maynard Hall 406 Margaret Burckes-Miller margaret@plymouth.edu
3 Credits
Monies for community wellness fair \$200
Thursday 5PM – 9PM 10/1, 10/8, 10/15, 10/22, 10/29
Friday 5PM – 9PM 10/2, 10/23
Saturday 7:30AM – 2:30PM 10/24

The focus of this course will be to review basic program planning skills, implementation, and evaluation of community and worksite health promotion programs. The class will plan, implement and evaluate a health promotion program, i.e. wellness fair, or workshop. Students will learn grant writing skills, pamphlet/newsletter development and will be introduced to the field of wellness/health coaching and facilitator trainings i.e. smoking cessation.

HP5110.01 **CRN: 10437** **WELLNESS CONCEPTS FOR EDUCATORS**
Plymouth – Draper and Maynard Hall 419 Maria Melchionda mimelchionda@plymouth.edu
2 Credits [Syllabus](#)
This course has an online component using Blackboard.
Saturday 9AM – 2:30PM 9/19, 10/3, 11/14

An introduction to the teaching of health education in our school systems. Organization of curriculum including content and methodology will be stressed. Fall.

Historic Preservation, Heritage Studies and Social Science

AN - Anthropology

AN5410.01 **CRN: 10288** **NATIVE AMERICANS: PAST & PRESENT**
Plymouth – Rounds Hall 307 Grace Fraser gfraser@plymouth.edu
3 Credits
Monday 3:45PM – 7PM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30

This course traces the history of native cultures in North America with an accent on the northeastern region for teachers and other educators. Various Indian cultures will be described in traditional anthropological categories such as language, kinship, religion, politics and subsistence. Cultural change, relativism, ethnocentrism and social conflict are some of the topics used to understand their culture from the past into the present.

HS - Heritage Studies

HS5560.01 **CRN: 10331** **LANGUAGE, IDENTITY, MEMORY AND FUTURE**
UPDATED Plymouth – Rounds Hall 103 Krisan Evenson klevenson@plymouth.edu
3 Credits [Syllabus](#)

This course has an online component using Blackboard.

Thursday 5:30PM – 8:30PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5

The study of heritage has as much to do with moving forward in time as it does with relying on a shared understanding of the past. To achieve a shared past, however, that is the challenge, multiplied in societies where language and identity are plural. Multicultural, multilingual societies must work harder to bring their collective, if not shared, past forward in time. This seminar will explore several claims about language and identity; we will apply them to case studies where success or failure resulted from what political scientists refer to as "the nation-building project". Cases such as Quebec, New Zealand, Yugoslavia or South Africa provide us with a whole range of lessons about how we can live together. Some have implications for citizens in New Hampshire, and our "jeopardized status" as the site of the first-in-the-nation presidential primary. In short, we are not always doomed to repeat history, if we can learn to care for collective memory and use it to nourish our futures.

PO - Political Science

PO5130.01 **CRN: 10365** **LANGUAGE, IDENTITY, MEMORY AND FUTURE**
UPDATED Plymouth – Memorial Hall 103 Krisan Evenson klevenson@plymouth.edu
3 Credits [Syllabus](#)

This course has an online component using Blackboard.

Thursday 5:30PM – 8:30PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5

The study of heritage has as much to do with moving forward in time as it does with relying on a shared understanding of the past. To achieve a shared past, however, that is the challenge, multiplied in societies where language and identity are plural. Multicultural, multilingual societies must work harder to bring their collective, if not shared, past forward in time. This seminar will explore several claims about language and identity; we will apply them to case studies where success or failure resulted from what political scientists refer to as "the nation-building project". Cases such as Quebec, New Zealand, Yugoslavia or South Africa provide us with a whole range of lessons about how we can live together. Some have implications for citizens in New Hampshire, and our "jeopardized status" as the site of the first-in-the-nation presidential primary. In short, we are not always doomed to repeat history, if we can learn to care for collective memory and use it to nourish our futures.

Languages & Linguistics

LL - Language and Linguistics

LL5010.01 **CRN: 10495** **GRAD PRACTICUM IN TESOL**
Plymouth James Whiting jcwhiting@plymouth.edu
1 – 6 Credits [Syllabus](#)

This practicum serves as field experience for ESOL certification candidates and for students taking a self-designed M.Ed. with a concentration in TESOL but without K-12 certification. A candidate seeking ESOL teacher certification must do the practicum in a New Hampshire public school; a candidate not seeking ESOL teacher certification can do the practicum in any approved setting. Commitment includes regular meetings with the course instructor and the development of a professional portfolio that fulfills all NH required teacher competencies. Supervision will be done jointly by the cooperating institution and Plymouth State University faculty. Permission of instructor is required.

LL5005.01 **CRN: 10334** **FOUNDATIONS TESOL METHODOLOGY**
Plymouth – Hyde Hall 234 James Whiting jcwhiting@plymouth.edu
3 Credits [Syllabus](#)

This course has an online component using Blackboard.

Saturday 9:30AM – 4:30PM 9/12, 10/17, 11/7, 11/14

Participants learn the foundations of communicative language teaching to non-native speakers in multicultural and homogenous classrooms. Topics include content-based instruction, teaching of the four skills, curriculum development, and lesson planning and execution. Participants acquire and practice the skills needed to teach language to students of all ages and abilities.

Library Media

LM - Library Media Studies

LM5040.01 **CRN: 10366** **INSTRUCTIONAL MATERIALS PRODUCTION**
CLOSED Plymouth – Lamson Library 124 Elaine Allard eallard@plymouth.edu
3 Credits [Syllabus](#) Jo-Ann Guilmett jguilmet@plymouth.edu

This course has an online component using Blackboard.

Friday 5PM – 8PM 9/11

Saturday 10AM – 3PM 9/12, 10/17, 11/14(10AM- 5PM)

LM5040.02 **CRN: 10367** **INSTRUCTIONAL MATERIALS PRODUCTION**
CLOSED Plymouth – Lamson Library 124 Elaine Allard eallard@plymouth.edu
3 Credits [Syllabus](#) Jo-Ann Guilmett jguilmet@plymouth.edu

This course has an online component using Blackboard.
Friday 5PM – 8PM 9/11
Saturday 10AM – 3PM 10/17, 11/14(10AM- 5PM)
Sunday 1PM – 6PM 9/13

The course covers the role of instructional materials in media centers and settings of various types, emphasizing instructional design and production techniques using different media and equipment including computers.

LM5210.01 **CRN: 10368** **PRACTICUM IN SCHOOL MEDIA**
Plymouth Elaine Allard eallard@plymouth.edu
3 Credits [Syllabus](#)

Please contact instructor (eallard@plymouth.edu) to arrange meeting dates and times.

The practicum is to provide the student with a supervised field experience in one of several cooperating institutions or agencies. The purpose is to gain meaningful work experience through applying knowledge learned in previous coursework to the on-the-job situation. Commitment includes a negotiated number of hours per week. Supervision is by the institution or agency concerned and by PSU faculty.

Reading and Writing

RL - Reading and Writing

RL5110.01 **CRN: 10339** **RESEARCH IN READING & WRITING**
Plymouth – Rounds Hall 103 Eleanor Papazoglou empapazoglou@plymouth.edu
3 Credits [Syllabus](#)

Tuesday 5PM – 8:30PM 9/15, 9/22, 10/6, 10/20, 11/3, 11/17

Research in Reading and Writing is an investigation into the significant research theory and principles on the development of reading and writing, the teaching of reading and writing, the assessment of reading and writing, and the implications of this knowledge that enrich our understandings and refine our practices. From historical perspectives to current trends and issues, we will explore the transformation of the reading and writing landscape. In doing so, we will discover what research in reading and writing is; how it is used; the value of reading and writing research; how it is applied to improve practice, understanding, and reflective thought; and its role in determining best institutional practices.

Sciences

BI - Biology

BI5100.01 **CRN: 10502** **BIOLOGY COLLOQUIUM**
Plymouth – Boyd Hall 236 Christopher Chabot chrisc@plymouth.edu
1 Credit [Syllabus](#)

Wednesday 3:30PM – 4:30PM 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11, 11/18, 12/2, 12/9, 12/16

Course is comprised of lectures featuring prominent speakers from a variety of institutions.

BI5180.01 **CRN: 10477** **BIOTECHNOLOGY**
Plymouth – Boyd Hall 109 Susan Swope sks@plymouth.edu
4 Credits [Syllabus](#)

Monday 9AM – 10AM 9/7, 9/14, 9/21, 9/28, 10/5, 10/12, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14
Wednesday 9AM – 10AM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11, 11/18, 11/25, 12/2, 12/9, 12/16
Thursday 2PM – 5PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 11/26, 12/3, 12/10
Friday 9AM – 10AM 9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 11/27, 12/4, 12/11, 12/18

This course is an exploration of the use of living organisms to produce products beneficial to human kind, the application of biological organisms to technical and industrial processes and the use of "novel" microbes which have been altered or manipulated by humans through techniques of genetic engineering. This is a laboratory oriented course. Falls.

BI5390.01	CRN: 10290	ECOLOGY Plymouth – Boyd Hall 123 4 Credits Syllabus	Leonard Reitsma	leonr@plymouth.edu
		Monday 12:20PM – 1:10PM	9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14	
		Tuesday 8AM – 10:45AM	9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17, 11/24, 12/1, 12/8, 12/15	
		Wednesday 12:20PM – 1:10PM	9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16	
		Friday 12:20PM – 1:10PM	9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 12/18	

Fundamental ecological concepts which illustrate the complex interrelationships of living organisms with each other and with the non-living environment will be the focus of the course. Laboratory time used for field work, experimentation and analysis of data will be incorporated. Graduate students will have additional coursework and/or projects equivalent to graduate level study. Falls

BI5560.01	CRN: 10455	ST:BEHAVIORAL ECOLOGY Plymouth – Boyd Hall 236 3 Credits	Pamela Hunt	pdhunt1@plymouth.edu
		Wednesday 5:30PM – 8:30PM	9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11, 11/18, 11/25, 12/2, 12/9	

BI5560.02	CRN: 10524	ST:DEVELOPMENTAL BIOLOGY Plymouth – Boyd Hall 123 3 Credits Syllabus	Brigid O'Donnell	bcodonnell@plymouth.edu
		Monday 11:15AM – 12:05PM	9/7, 9/14, 9/21, 9/28, 10/5, 10/12, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14	
		Wednesday 11:15AM – 12:05PM	9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11, 11/18, 11/25, 12/2, 12/9, 12/16	
		Friday 11:15AM – 12:05PM	9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 11/27, 12/4, 12/11, 12/18	

This course will cover a broad range of topics in the field of modern (and classic) developmental biology. Importantly, we will learn how the scientific method is used within the context of developmental biology & the questions, methods, limits and scope of those engaged in tackling questions in this exciting field.

BI5810.01 UPDATED	CRN: 10478	UNIVERSITY BIOLOGY TEACHING Plymouth 1 Credit Syllabus	Amy Ueland	aueland@plymouth.edu
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A course designed for graduate students interested in learning more about teaching biology effectively at the University level. The format of the course will primarily be discussion-oriented with contributions from faculty both in and outside off the Department of Biological Sciences. You should either be currently teaching or have taught at the college level. Topically the course will cover three areas: teaching and learning, the academic job market, and faculty life.

ESP - Environmental Science and Policy

ESP5150.01	CRN: 10320	GLACIAL & PERIGLACIAL GEOLOGY Plymouth – Memorial Hall 010 3 Credits Syllabus	Bryon Middlekauff	bryonm@plymouth.edu
		Monday 12:20PM – 1:10PM	9/7, 9/14, 9/21, 9/28, 10/5, 10/12, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14	
		Wednesday 12:20PM – 1:10PM	9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11, 11/18, 12/2, 12/9, 12/16	
		Friday 12:20PM – 1:10PM	9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 12/18	

Glaciation has strongly shaped the New England landscape and blanketed it with diverse sediments that influence its hydrology, biology, and human development. The ice sheets of Greenland and Antarctica, themselves of significant societal concern, are remnants of ice sheets that formerly covered 30% of the earth's land surface. The course will introduce glaciers and the processes and products of glacier and cold-region erosion and deposition. The course will emphasize the development, form, and properties of New England glacial sediments but cover the global record. The glacial-geologic methods learned will be applied to on-going investigations of glacier and climate history around the planet.

ESP5500.01	CRN: 10499	ST:LARGE SCALE HYDROLOGY Plymouth – Lamson Library 124 3 Credits Syllabus	Mark Green	mbgreen@plymouth.edu
		Monday 4PM – 7PM	9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14	

This course will focus on hydrologic dynamics at the regional scale - a scale at which humans are an integral part. The course will develop fundamental understanding of hydrologic mechanisms (e.g., groundwater flow, evapotranspiration, runoff generation) and their integration into socio-economic system dynamics (e.g., drinking water production, hydro-electric power generation, or land cover change). The course will use an applied team-based research approach, in that all of our effort for the semester will aim to inform a basic question: How much water is there in the State of New Hampshire currently, and how does today compare to past decades and centuries?

ESP5700.01 CRN: 10323 GRADUATE SEMINAR ECOLOGY & THE ENVIRONMENTPlymouth – Boyd Hall 236
3 Credits

Patrick Bourgeron

psbourgeron@plymouth.edu**Thursday** 5PM – 8PM

9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 12/3

This graduate seminar focuses on how ecological concepts and studies inform scientists about the nature of and solutions to environmental problems. Specific topics vary from year to year depending upon the interests of the faculty and the students enrolled. Regardless of the specific topics, each will clearly demonstrate the central role of ecology in understanding ecosystem function and how ecosystems respond to disturbances at multiple scales. Through readings and discussion, students become versed in ecological theory and practice. The concepts are fleshed out through case studies taken directly from peer-reviewed literature.

ESP5720.01 CRN: 10488 LAND USE PLANNING SEMINAR

Plymouth

June Hammond Rowan

jhammondrowan@plymouth.edu2 Credits [Syllabus](#)

Please note this course will meet in the Russell House Conference room.

Wednesday 10:30AM – 12PM

9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/11, 11/18, 12/2

Thursday 3:30PM – 9PM

9/10, 12/10(2:30PM- 9PM)

Land use planning is a dynamic field that involves the integration of a variety of components to improve communities and places. This graduate seminar will focus on furthering knowledge on specific topics related to planning and explore interrelationships between topics. Topics might include smart growth, low impact design, transportation, energy, sustainable design, drinking water protection, housing, economic development, and community involvement.

MT - Meteorology**MT5310.01 CRN: 10352 DYNAMIC METEOROLOGY I**

Plymouth – Boyd Hall 306

James Koerner

koerner@plymouth.edu3 Credits [Syllabus](#)**Monday** 9AM – 10AM

9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14

Wednesday 9AM – 10AM

9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

Friday 9AM – 10AM

9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 12/18

This course is an introduction to geophysical fluid dynamics including the development of the fundamental equations governing atmospheric motion, basic approximations, simplified flows, and physical interpretation of the corresponding theory. Fall term. This course is co-listed with MT4310 in the undergraduate curriculum.

MT5330.01 CRN: 10353 SATELLITE METEOROLOGY

Plymouth – Boyd Hall 306

Samuel Miller

stmiller@plymouth.edu3 Credits [Syllabus](#)**Monday** 11:15AM – 12:15PM

9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14

Wednesday 11:15AM – 12:15PM

9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

Friday 11:15AM – 12:15PM

9/4, 9/11, 9/18, 9/25, 10/2, 10/9, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 12/18

This course will provide students with a broad foundation on the history, theory, data, and knowledge of meteorological satellites/sensors, so that they will be able to interpret and fully utilize these data for operational and/or research applications and understand their capabilities and limitations.

MT5410.01 CRN: 10354 ATMOSPHERIC PHYSICS

Plymouth – Boyd Hall 306

Lourdes Aviles Bramer

lavilesbramer@plymouth.edu3 Credits [Syllabus](#)**Tuesday** 2PM – 3:15PM

9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17, 11/24, 12/1, 12/8, 12/15

Thursday 2PM – 3:15PM

9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 12/3, 12/10, 12/17

This course will provide an application of the basic laws of physics to atmospheric processes. Topics discussed include gravitational effects, properties of atmospheric gases, cloud physics, solar and terrestrial radiation, atmospheric electricity and optical and acoustical phenomena. Fall term. This course is co-listed with MT4410 in the undergraduate curriculum.

MT5450.01 CRN: 10355 ADVANCED SYNOPTIC METEOROLOGY

Plymouth – Boyd Hall 306

Eric Hoffman

ehoffman@plymouth.edu3 Credits [Syllabus](#)**Monday** 12:15PM – 2:15PM

9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14

Wednesday 12:15PM – 2:15PM

9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

Use of advanced analytical techniques for multiscale weather systems throughout the globe with an emphasis on synoptic-scale, mid-latitude weather. Topics include: forecasting applications of the quasi-geostrophic height tendency and omega equations, frontogenesis, Q-vector analysis, isentropic analysis, Hovmoller diagrams, potential vorticity concepts and the use of dynamic tropopause maps. Weekly weather discussions and forecasting exercises focus on these advanced techniques and areas of current or future applied research topics. Recent articles in the scientific literature are reviewed and used throughout the course. Fall terms. This course is co-listed with MT4450 in the undergraduate curriculum.

MT5550.01 **CRN: 10356** **ST:TROPICAL METEOROLOGY**
 Plymouth – Boyd Hall 306 Lourdes Aviles Bramer lavilesbramer@plymouth.edu
 3 Credits [Syllabus](#)
Tuesday 12:30PM – 1:45PM 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17, 11/24, 12/1, 12/8, 12/15
Thursday 12:30PM – 1:45PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 12/3, 12/10, 12/17

This course comprises an in-depth view of general topics related to tropical weather and climate. The topics include tropical climatology, easterly waves, tropical cyclones, El Niño, La Niña and the Southern Oscillation (ENSO) and monsoons. Introductory level knowledge of tropical cyclones and an intermediate level knowledge of middle latitudes dynamics and synoptic meteorology (for comparison purposes) is assumed.

MT5600.01 **CRN: 10357** **COMPUTER APPLICATIONS IN METEOROLOGY**
 Plymouth – Boyd Hall 306 Brendon Hoch bhoch@plymouth.edu
 3 Credits [Syllabus](#)
Monday 2:30PM – 3:45PM 9/14, 9/21, 9/28, 10/5, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 11/30, 12/7, 12/14
Wednesday 2:30PM – 3:45PM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4, 11/18, 12/2, 12/9, 12/16

This course is designed as an intense introduction to the technological tools and techniques used by professional meteorologists in the analysis and display of meteorological and environmental data. Students will learn programming methodology and become proficient in the use of a number of open source and commercial software packages.

MT5620.01 **CRN: 10358** **NUMERICAL WEATHER PREDICTION**
 Plymouth – Boyd Hall 306 James Koermer koermer@plymouth.edu
 3 Credits [Syllabus](#)
Tuesday 8AM – 9:30AM 9/8, 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17, 11/24, 12/1, 12/8, 12/15
Thursday 8AM – 9:30AM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 12/3, 12/10, 12/17

This course is designed to acquaint students with the concepts, procedures, and problems associated with numerical weather prediction through discussion and actual computer applications with real and simulated data. Students will also learn about the configuration and capabilities of current operational numerical prediction models.

MT5700.01 **CRN: 10359** **GRADUATE SEMINAR METEOROLOGY**
 Plymouth – Boyd Hall 306 James Koermer koermer@plymouth.edu
 1 Credit [Syllabus](#)
 Please note that the Wednesday classes will meet in Boyd 001 as part of the Science Colloquium Series. All Friday classes will meet in Boyd 306.
Wednesday 4PM – 5PM 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/18, 12/9, 12/16
Friday 3:30PM – 4:30PM 9/4, 10/9, 11/6, 12/4

Provides graduate students with a forum to publicly present and discuss their results from literature reviews, case studies, and/or research. This is a required course for all MS in Applied Meteorology students. This course can be repeated for credit twice for a total of three credits.

NS - Natural Science

NS5600.01 **CRN: 10422** **FIELD EXPERIENCE IN SCIENCE EDUCATION**
 Plymouth Warren Tomkiewicz warrent@plymouth.edu
 3 Credits [Syllabus](#)
 Please contact instructor (warrent@plymouth.edu) to arrange meeting dates and times.

This course is one of the core offerings in the MAT in Science Education degree program. It is a supervised placement with a science or environmental agency that offers educational programming with student groups of various ages. Students will be required to assist in the development of programs, and teach and assess participant learning in these settings. Examples of such organizations include the Squam Lakes Natural Science center, N.H. Fish and Game Department, Squam Lakes Association, N.H. Audubon Society, PSU Mindflight Summer Program, N.H. Department of Environmental Services and the PSU Planetarium Program to name several.

NS5700.01 **CRN: 10421** **SCIENCE TEACHING IN THE MIDDLE & HIGH SCHOOL**
 Plymouth – Boyd Hall 229 Mark Turski markt@plymouth.edu
 3 Credits [Syllabus](#)
Thursday 5PM – 8PM 9/3, 9/10, 9/17, 9/24, 10/1, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19

This course is designed to be a core course offering in both the MS in Science Education and the MAT in Science programs. Several major themes such as learning theory, structure of the discipline (curriculum), teaching strategies, and nature of science and technology applications will be presented throughout the course. The course is structured to help students develop the proficiencies needed to become a successful science teacher. As an advanced learner, you will be given a great deal of independence in your learning about secondary school science teaching.

Special Education

SE - Special Education

SE5563.01 **CRN: 10345** **PBIS:SCHOOL-WIDE APPROACHES FOR ALL STUDENTS**
Plymouth – Rounds Hall 107 Marcel Lebrun mrlebrun@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Tuesday 5:30PM – 7PM 9/1, 11/17

This course provides an in-depth examination of Positive Behavioral Interventions and Support (PBIS) with emphasis on school-wide approaches designed to enhance school climate and the emotional well being of all students. Students will learn how to create and nurture a leadership team of stakeholders who are responsible for school wide implementation as well as evidence based strategies for improving behavior and academic achievement. Topics include developing school wide expectations, creating a behavior matrix, designing teaching scripts to address prosocial behaviors, creating a school wide reinforcement system, determining office versus classroom referrals, designing a data-based system for behavior, and evaluating the universal system using data based decision making and utilizing data for improving practice.

SE5800.01 **CRN: 10350** **PRACTICUM IN SPECIAL EDUCATION**
Plymouth – Lamson Library 124 Marcel Lebrun mrlebrun@plymouth.edu
1 – 6 Credits [Syllabus](#)
This course has an online component using Blackboard.
Wednesday 5PM – 6:30PM 9/2, 11/18

A supervised field experience in one of several cooperating institutions or agencies. The purpose is to gain meaningful work experience through applying knowledge learned in previous course work to the on-the-job situation. Commitment includes a negotiated number of hours per week. Supervision is done by the institution or agency concerned and by Plymouth faculty.

SE5810.01 **CRN: 10452** **PRACTICUM IN LEARNING DISABILITIES**
NEW Plymouth Marcel Lebrun mrlebrun@plymouth.edu
3 Credits [Syllabus](#)
Students **MUST** contact instructor (mrlebrun@plymouth.edu) before the start of the fall term (9/1/09) to make arrangements for practicum placement. An individual appointment will occur prior to beginning the practicum.

A student will provide direct service and experiential learning with learning-disabled students in a classroom or school setting under the supervision of an experienced special education professional. The focus of the practicum will be on identification, assessment and remediation of learning problems. Student will need to demonstrate assessment report writing, be able to develop IEPs and be able to implement and follow interventions plans. Total hours of practicum will be 100-300 hours, depending on present level of functioning, past experience and present employment or role. This field course will provide the student with specific key experiences in the role of learning disabilities specialist. This course will be structured to accommodate graduate candidates who have a variety of prior school experiences. Students who do not have extensive school experiences will be required to fulfill all the requirements. This practicum is centered around competency areas that are basic to learning disabilities. This field course serves as an exit check for completion of the Learning Disabilities Specialist concentration, thus leading to certification.

SE5820.01 **CRN: 10413** **PRACTICUM IN EMOTIONAL DISABILITIES**
Plymouth Marcel Lebrun mrlebrun@plymouth.edu
3 Credits [Syllabus](#)
Please contact instructor (mlebrun@plymouth.edu) to arrange meeting dates and times.

A student will provide direct service and experiential learning to children with emotional disorders in a classroom or school setting under the supervision of an experienced special education professional. The focus of the practicum will be on identification, assessment and remediation of behavior problems. Student will need to demonstrate assessment report writing, be able to develop IEPs and be able to implement and follow intervention plans. Total hours of practicum will be 150 hours (50 hours per credit) depending on present level of functioning, past experience and present employment or role. The practicum will be repeatable for credit if a student requires more training or hours to complete their experience. This field course will provide the student with specific key experiences in the role of emotional behavioral specialist. This course will be structured to accommodate graduate candidates who have a variety of prior school experiences. Students who do not have extensive school experiences will be required to fulfill all the requirements. This practicum is centered on competency areas that are basic to emotional behavioral disorders. This field course serves as an exit check for completion of the Emotional Behavior Option thus leading to certification.

SE5821.01 **CRN: 10414** **INTERNSHIP IN SPECIAL EDUCATION**
UPDATED Plymouth Marcel Lebrun mrlebrun@plymouth.edu
3 Credits [Syllabus](#)
Thursday 4:30PM – 6PM 9/3, 10/1, 11/19

A supervised field experience in one of several cooperating institutions. The purpose is to gain meaningful work experience through applying knowledge learned in course work to the on-the-job situation. Commitment includes 12 hours per week within the school environment over 3 days, and one three hour seminar per month. Supervision is done by the cooperating school and overseen by Plymouth State University faculty.

SE6040.01 **CRN: 10349** **CURRICULUM DEVELOPMENT IN SPECIAL EDUCATION**
Plymouth – Rounds Hall 206 Maura Dougherty mdougher@plymouth.edu
3 Credits [Syllabus](#)
This course has an online component using Blackboard.
Wednesday 5PM – 8PM 9/2, 9/9, 9/16, 9/23, 9/30, 10/7, 10/14, 10/21, 10/28, 11/4

This course is designed to assist candidates in acquiring the skills, knowledge and competencies necessary for curriculum development as it relates to special education and the general education curricula. Each participant will have the opportunity to examine models of curriculum-based assessment designed to generate better educational programs for students with disabilities. Each student will demonstrate an understanding of the instructional process with emphasis on students with disabilities. Keys to this understanding will include management considerations, instructional practices and evaluative and collaborative activities.