

UConn | COLLEGE OF LIBERAL ARTS AND SCIENCES

COMMITTEE ON CURRICULA AND COURSES

Jon Gajewski, Chair
Approved May 5, 2015.

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Ⓞ requires GEOC approval; Ⓢ requires Senate approval.

C&C approved copy of Ⓞ and Ⓢ courses must be submitted to GEOC and the Senate through the [Curricular Action Request form](#).

ⓧ means that a proposal is proposed for CLAS GEAR x.

1 Proposals Approved by the Chair

2014-057 Offer MCB 3895 as Practical Methods in Microbial Genomics

Instructor: Jonathan Klassen, Assistant Professor

Short Description:

Prerequisite: BIOL 1107 and MCB2610 or consent of instructor.

Analysis of microbial genomes including assembly, annotation, comparison and expression. Students will design and perform computational analyses of public domain genomic data. No previous computational experience is expected.

2 Approved Proposals

2014-049 Change Judaic Studies Minor

Approved Catalog Copy:

Judaic Studies

The purpose of this minor is to provide in-depth study of topics in Judaic Studies reflecting the history, literature, and culture of the diverse experiences of Jews throughout the world stretching back four millennia to biblical Israel.

Course Requirements

HEJS 1103 is required of all minors.

At least one year of Biblical Hebrew or Modern Hebrew is strongly recommended.

2.2 **2014-052** Add EEB 3266. Field Herpetology

A minimum of six credits in Foundational Courses (Group A):

HEJS 3201, HEJS 3218/CAMS 3256/HIST 3330, HEJS 3301, HEJS 3511, INTD 3260

Nine additional credits may be drawn from other Group A offerings or from the following Topical Courses (Group B):

HEJS 2104, HEJS 3202, HEJS 3203/HIST 3418, HEJS 3241, HEJS 3279, CAMS 3244, CAMS 3253/HIST 3301, HEJS 3401/W, HIST 3705, HIST 3712

The following may be substituted for Group B Courses with the approval of the student's HEJS advisor: HEJS 3293, HEJS 3299 and SPAN 3200.

All 15 credits may consist of courses from Group A. Some HES Graduate courses are open to undergraduates. These may be substituted for either Group A or Group B courses with the approval of the student's HEJS advisor.

The minor is offered by the Hebrew and Judaic Studies Section, Department of Literatures, Cultures, and Languages.

2014-052 Add EEB 3266. Field Herpetology

Approved Catalog Copy:

EEB 3266. Field Herpetology

3 credits. Prerequisite: Biology 1108, or consent of instructor.

Field-intensive study of diversity, ecology, physiology, behavior, adaptation and identification of the amphibians and reptiles of the region; herpetofaunal research methods. Field trips required.

2014-053 Add EEB 4262. Field Methods in Ornithology

Approved Catalog Copy:

EEB 4262. Field Methods in Ornithology

3 credits. Prerequisites: 6 credits of college biology, including BIOL 1108, or consent of instructor.

Design of bird population surveys, census methods, behavioral studies of wild birds, data collection and reporting, bird identification skills. Field trips required

2014-054 Add EEB 5500. Introduction to Natural History Collections

Approved Catalog Copy:

†EEB 5500. Introduction to Natural History Collections

1 credit. Lecture. Open to graduate students in EEB, others with permission of the instructor. Training required for work in the EEB Biodiversity Research Collections Facility. The uses of natural history collections; policies, resources, and databases of the Collection Facility;

specimen preparation and labeling; legal and ethical issues; threats to natural history collections. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

2014-055 Change COGS Major

Approved Catalog Copy:

General Requirements

The requirements for the cognitive science major include 40 2000-level or above credits, no more than 21 of which may be taken in any one department. There are several 1000-level courses that are required preparation for the 2000-level and above requirements. These courses should be taken during the first four semesters and may fulfill general education requirements.

A maximum of six 2000-level or above transfer credits may count toward the major with approval of advisor. Students must earn a grade of C- (1.7) or higher in each course that is counted toward the major.

Core Courses (16 credits)

COGS 2201, 3584 and four of the following courses: ANTH 3002; CSE 4705; LING 2010Q; PHIL 3250/W; PSYC 2501; **SLHS 4245/W**

Research Courses (6 credits)

Statistics (one of the following for at least 3 credits): PSYC 2100Q or 2100WQ; STAT 2215Q, 3025Q (Calculus level)

Research Methods (one of the following for at least 3 credits): ANTH 3004 (if elected for 3 credits); LING 3110; PSYC 3250/W, 3251/W, 3253, 3450W, 3550W, 3551W, 3552

Formal Systems Courses (3 credits)

CSE 2300W, 2500, 3500^a, 3502^a, 3802; LING 3310Q^a, 3410Q^a, 3511Q^a; MATH 2210Q, 2410Q, 3160, 3210, 3230, 3412; PHIL 2211Q, 3214

Advanced courses (12 credits)

Must include courses from at least 3 departments. Can include core courses not needed to satisfy the core course requirement.

ANTH 3200, 3250; CSE 3500^a, 3502^a, 4095; LING 3310Q^a, 3410Q^a, 3511Q^a; 3610W; PHIL 2210/W, 2212/W, 3241, 3247/W, 3249/W, 3256/W; PNB 3251; PSYC 2200, 2400, 2500, 3100/W, **3440**, 3470/W^b, 3500, 3501, 3502; SLHS 2204, 4254/W

Electives (3-6 credits)

One or two additional courses (from above lists or other related courses from any department), chosen with the approval of the advisors.

^a The following courses may be used to fulfill both the Formal Systems and Advanced

Courses requirements: CSE 3500, 3502; LING 3310Q, 3410Q, 3511Q. In this event, two electives are required.

^b PSYC 3470 is a variable topics course and may only be counted toward the major with advisors' approval.

Competency and Writing Requirements

The exit requirements for computer technology and information literacy will be met by satisfaction of the Research Methods Requirement. The exit requirements for writing in the major are met by taking any W course on the Plan of Study. Students in the program will have an advisor and an associate advisor, each in different departments contributing to the cognitive science program. Students will consult with both of them to plan a course of study.

A minor in Cognitive Science is described in the “Minors” section.

2014-058 Add MCB 5080. Frontiers in Microbiology

Approved Catalog Copy:

MCB 5080. Frontiers in Microbiology

1 credit. Seminar. Consent of instructor required. May be repeated for credit.

Current topics in microbiology including research advances, impact of microorganisms on the environment and society, their role in health and disease, and applications of microbiological research in academic, government and industrial settings.

2014-060 Add LING 6610. Methods in Experimental Syntax

Approved Catalog Copy:

LING 6610. Methods in Experimental Syntax

3 credits. Lecture.

An introduction to the design and analysis of experiments in syntax.

2014-061 Add LING 6899. Directed Research in Linguistics

Approved Catalog Copy:

LING 6899. Directed Research in Linguistics

1-6 credits. Independent Study. May be repeated for credit.

2014-062 Change JOUR 3050 Professional Seminar

Approved Catalog Copy:

JOUR 3050. Professional Seminar

Three credits. Prerequisite: JOUR 2000W, which may be taken concurrently.

Journalists discuss the economic, technological, sociological and ethical issues that challenge their profession.

2014-063 Drop MARN 5013 Marine Systems Ecology

Current Catalog Copy:

MARN5013 Marine Systems Ecology

Effects of biotic and abiotic parameters on the structure and function of marine ecosystems. Techniques for the analysis of energetics, nutrient cycles, and trophic characteristics in both theoretical and applied problems. Field trips are required. Components:Laboratory, Lecture

2014-064 Drop MARN 5020 Marine Bioorganic Chemistry

Current Catalog Copy:

MARN5020(3 Credits) Marine Bioorganic Chemistry

Overview of the molecular basis of metabolic and bioenergetic pathways and processes with emphasis on life in the marine environment. Synthesis of marine natural products. Laboratory demonstrations of selected molecular and physiological techniques used in oceanography. Components:Laboratory, Lecture

2014-065 Change MARN 5830. Seminar in Chemical Oceanography

Approved Catalog Copy:

MARN 5830. Seminar in Oceanography

2 Credits.

Readings and discussions of current literature in oceanography. Topics vary each semester: Biological, Chemical, Physical, Geological. May be repeated for credit. Components: Seminar

2014-066 Change MARN 5898. Special Topics in Marine Sciences

Approved Catalog Copy:

MARN 5995. Special Topics in Marine Sciences

1-6 credits. With a change in content, may be repeated for credit.

2014-067 Change MARN 5895. Independent Study.

Approved Catalog Copy:

MARN 5899. Independent Study in Marine Sciences

1-6 credits. Independent study under the direction of a faculty member. With a change in content, may be repeated for credit.

2014-068 Add MARN 6088. Variable Topics in Marine Sciences

Approved Catalog Copy:

MARN 6088. Variable Topics in Marine Sciences

1-6 credits. With a change in content, may be repeated for credit.

2.16 **2014-069** Add MARN 6098. Variable Topics in Marine Molecular Ecology and Evolution

2014-069 Add MARN 6098. Variable Topics in Marine Molecular Ecology and Evolution

Approved Catalog Copy:

MARN 6098. Variable Topics in Marine Molecular Ecology and Evolution
1-6 credits. With a change in content, may be repeated for credit.

2014-070 Add MARN 6188. Variable Topics in Coastal Ocean Physics

Approved Catalog Copy:

MARN 6188. Variable Topics in Coastal Ocean Physics
1-6 credits. With a change in content, may be repeated for credit.

2014-071 Add MARN 6198. Variable Topics in Ocean Optics

Approved Catalog Copy:

MARN 6198. Variable Topics in Ocean Optics
1-6 credits. With a change in content, may be repeated for credit.

2014-072 Change Department of Psychology name to Department of Psychological Sciences

APPROVED

2014-076 Add SOCI 2275/W. Social Well-Being (g)(s)

Approved Catalog Copy:

SOCI 2275. Social Well-Being

Three Credits.

The experience of well-being in society. Includes demographic correlates of well-being, connections to social situations, social interactions, social structures, and culture.

SOCI 2275W. Social Well-Being

Three Credits. Prerequisite: ENGL 1010 or 1011 or 2011.

2014-077 Change STAT 3025Q. Statistical Methods (Calculus Level I) (g)(s)

Approved Catalog Copy:

STAT 3025Q. Statistical Methods

Three credits each semester. Prerequisite: MATH 1122 or 1132 or 1152. Students may not receive more than three credits from STAT 3025 and STAT 3345. Not open for credit to students who have passed STAT 3445.

Basic probability distributions, point and interval estimation, tests of hypotheses, correlation and regression, analysis of variance, experimental design, non-parametric procedures.

2014-078 Change STAT 3375Q. Introduction to Mathematical Statistics (g)(s)

Approved Catalog Copy:

STAT 3375. Introduction to Mathematical Statistics

Three credits. Prerequisite: MATH 2110 or 2130. Students may not receive credit for both STAT 3345 and STAT 3375, or both STAT 3375 and 5585.

The mathematical theory underlying statistical methods. Probability spaces, distributions in one and several dimensions, generating functions, limit theorems, sampling, parameter estimation. Neyman-Pearson theory of hypothesis testing, correlation, regression, analysis of variance.

2014-079 Change ECON 6461. Industrial Organization

Approved Catalog Copy:

ECON 6461. Industrial Organization.

Three Credits. Lecture. Prerequisite: ECON 6211.

Advanced treatment of the behavior and performance of firms in imperfectly competitive markets. Topics include the theory of the firm and costly contracting; information and strategic behavior; and product differentiation.

2014-080 Add ECON 6462. The Organization of Industry.

Approved Catalog Copy:

ECON 6462. The Organization of Industry.

Three Credits. Lecture. Prerequisite: ECON 6211.

Advanced treatment of the behavior and performance of firms in imperfectly competitive markets. Topics include advertising, industrial R&D, and two-sided markets.

2014-081 Add CHIN 3250W to CLAS GE area A

APPROVED

3 Tabled Proposals

2014-056 Change Environmental Studies Major

2014-059 Add MCB 5672. Applied Bioinformatics

2014-073 Change Psychology Major

2014-074 Change Psychology Minor

2014-075 Change Psychology Graduate Field of Study

Appendix: Attendance

Committee Members			Visitors	
Name	Dept.	Present	Name	Dept.
Kevin McBride	ANTH	N	Jane O'Donnell	EEB
Nicholas Leadbeater	CHEM	Y	Liansu Meng	LCL
Katrina Higgins	CLAS	Y	Manisha Desai	WGSS
Mansour Ndiaye	CLAS	N		
Davita Silfen Glasberg	CLAS	Y		
Rory McGloin	COMM	N		
Richard Langlois	ECON	Y		
Eldridge Adams	EEB	Y		
Hap Fairbanks	ENGL	Y		
John Volin	ENVI	N		
Mark Boyer	EVST	N		
Robert Cromley	GEOG	N		
Steve Wisensale	HDFS	N		
Melina Pappademos	HIST	Y		
Samuel Martínez	HRTS	Y		
Robert Wyss	JOUR	Y		
Roger Travis	LCL	N		
Jon Gajewski	LING	Y		
Anne Gebelein	LLAS	N		
Heidi Dierssen	MARN	Y		
Ralf Schiffler	MATH	Y		
David Knecht	MCB	Y		
Lionel Shapiro	PHIL	Y		
Boris Sinkovic	PHYS	N		
Robert Gallo	PNB	Y		
Meina Cai	POLS	N		
Rob Henning	PSYC	Y		
Ken Dautrich	PUBL	Y		
Lendra Friesen	SLHS	Y		
Bradley Wright	SOCI	Y		
Richard Vitale	STAT	Y		
Margaret Breen	WGSS	N		