

# Add Course Request

Submitted on: 2011-11-04 16:33:58

1. COURSE SUBJECT	CDIS
2. COURSE NUMBER (OR PROPOSED NUMBER)	2XXXa
3. COURSE TITLE	Anatomy and Pysiology of Speech and Hearing
4. INITIATING DEPARTMENT or UNIT	Communication Sciences
5. NAME OF SUBMITTER	Bernard Grela
6. PHONE of SUBMITTER	Phone: +1 860 486 3394
7. EMAIL of SUBMITTER	Email: bernard.grela@uconn.edu
8. CONTACT PERSON	Bernard Grela
9.UNIT NUMBER of CONTACT PERSON (U-BOX)	1085
10. PHONE of contact person	Phone: 486.3394
11. EMAIL of of contact person	Email: bernard.grela@uconn.edu
12. Departmental Approval Date	04/05/2011
13. School/College Approval Date	10/25/2011
14. Names and Dates of additional Department and School/College approvals	
15. Proposed Implementation Date	Term: Fall, Year: 2012
16.Offered before next printed catalog is distributed?	No
17. General Education Content Area	
18. General Education Skill Code (W/Q). Any non-W section?	None
19. Terms Offered	Semester: Fall Spring Summer Year: Every_Year
20. Sections	Sections Taught: 1
21. Student Number	Students/Sections: 75
22. Clarification:	
23. Number of Credits	3 if VAR Min: Max: credits each term
24. INSTRUCTIONAL PATTERN	This class will meet three times per week.

25. Will this course be taught in a language other than English?	No If yes, then name the language:
26. Please list any prerequisites, recommended preparation or suggested preparation: None	
27. Is Instructor, Dept. Head or Unit <b>Consent Required?</b>	No
28. Permissions and Exclusions:  Other, specify: Open to sophomores or higher.	
29. Is this course <b>repeatable for credit?</b>	No If yes, total credits allowed: Allow multiple enrollments in same term?
30. <b>Grading Basis</b>	Graded
31. If satisfactory/unsatisfactory grading is proposed, please provide <b>rationale</b> :	
32. Will the course or any sections of the course be taught as Honors? AsHonors	
33. Additional Details:	
34. Special Attributes:	
35. <b>REGIONAL CAMPUS AVAILABILITY:</b> This course is only taught at the Storrs campus because the CDIS program is only offered at the Storrs campus. No faculty teach outside of Storrs.	
36. <b>PROVIDE THE PROPOSED TITLE AND COMPLETE CATALOG COPY:</b>  Anatomy and Physiology of the Speech and Hearing Mechanism CDIS 2XXXa. Either semester. Three credits. Prerequisite: Open to sophomores or higher.  Anatomical, neurological and physiological principles fundamental to the understanding of speech and hearing.	
37. <b>RATIONALE FOR ACTION REQUESTED</b>  a) Reasons for adding this course: This course brings together content from two other courses one of which has been dropped (CDIS 2250) and another dropped and substantially changed (CDIS 3201). The resulting course is more consistent with pre-professional courses offered at other universities. b) why appropriate at 2000: It will allow our students to begin taking courses earlier in their program so that they have the option of taking more advanced disorder courses in their junior and senior years. c) Enrollment restrictions: We cap enrollment at 75. This is a large class, but will still allow for a manageable class size for the instructor. d) Effects on Other Departments: none e) Overlapping Courses: none f) Other departments consulted: NA g) Effects on regional campuses: NA	

- h) Costs approved by Dean: NA
- i) Course is not cross listed.
- j) Not offered as experimental course

**38. SYLLABUS:**

Online URL: ( [https://web2.uconn.edu/senateform/request/course\\_uploads/beg02004-1320436939-CDIS\\_2XXXa\\_A\\_P\\_syllabus.doc](https://web2.uconn.edu/senateform/request/course_uploads/beg02004-1320436939-CDIS_2XXXa_A_P_syllabus.doc) )

**39. Course Information: ALL General Education courses, including W and Q courses, MUST answer this question**

a) The course objectives are to familiarize students with the anatomical structures involved in normal respiration, phonation, and articulation, to develop a basic understanding of the physiological processes involved in normal respiration, phonation, and articulation, and to examine different components of the central and peripheral nervous system that are of major importance to speech production,

This knowledge should help you understand how various anatomical systems operate together in the production of speech, which is essential for the later study of speech and voice disorders in various clinical populations.

b. Exams will be in the multiple choice format, quizzes will be short answer, and weekly reading of chapters from the assigned textbook.

C. Themes included Introduction: course overview and linguistic theory, Nervous System, and Anatomy and Physiology of Speech Production, Respiration, Phonation, Articulation, Hearing, and Speech Perception.

**40. Goals of General Education: All Courses Proposed for a Gen Ed Content Area MUST answer this question**

NA

**41. Content Area and/or Competency Criteria: ALL General Education courses, including W and Q courses, MUST answer this question.: Specific Criteria**

**a. Arts and Humanities:**

NA

**b. Social Sciences:**

NA

**c. Science and Technology:**

NA

**i. Laboratory:**

NA

**d. Diversity and Multiculturalism:**

NA

**43. International:**

NA

**e. Q course:**

NA

**f. W course:**

NA

**42. RESOURCES:**

Does the department/school/program currently have resources to offer the course as proposed  
YES

If NO, please explain why and what resources are required to offer the course.

**43. SUPPLEMENTARY INFORMATION:**

**ADMIN COMMENT:**

Senate approved new course 12.12.11

**CDIS 2XXXa – Anatomy and Physiology of the Speech and Hearing Mechanism**

**Fall 2012**

**MWF 12:00-12:50 P.M.**

Instructor: Rachel Theodore, Ph.D.

Email: Rachel.Theodore@uconn.edu

Office Hours: TBD

Location: PCSB 215

## **Course Description**

The course objectives are:

1. to familiarize students with the anatomical structures involved in normal respiration, phonation, and articulation,
2. to develop a basic understanding of the physiological processes involved in normal respiration, phonation, and articulation,
3. to examine different components of the central and peripheral nervous system that are of major importance to speech production,

This knowledge should help you understand how various anatomical systems operate together in the production of speech, which is essential for the later study of speech and voice disorders in various clinical populations.

## **Required Text**

Zemlin, W.R. (1998). *Speech and Hearing Science: Anatomy and Physiology*, Allyn and Bacon, Massachusetts, 4<sup>th</sup> edition.

## **Suggested Reading**

Raphael, L.J., Borden G.J., Harris, K.S. (2011). *Speech Science Primer: Physiology, Acoustics, and Perception of Speech*. Lippincott Williams & Wilkins, Maryland, 5<sup>th</sup> edition.

## **Grading**

Anatomy Quizzes	40%
Midterm	30%
Final	30%

Anatomy Quizzes will be based on a point-accumulation system (10 quizzes, worth 10.5 points each), and will add up to a possible 105/100 points (i.e. possible 5 points' worth of extra credit to those who earn every point).

In addition, two assignments offering extra credit to add points toward your final exam will be provided.

		A	100 – 94	A -	93 – 90
B +	89 – 87	B	86 – 84	B -	83 – 80
C +	79 – 77	C	76 – 74	C -	73 – 70
D +	69 – 67	D	66 – 64	D -	63 – 60
F	<60				

### **Exams**

If, due to extenuating circumstances, a student is unable to take any of the exams at the scheduled time, a make-up examination will be allowed, but only with written verification of a legitimate excuse. The instructor should be notified of the absence in advance in order for the student to be eligible for a make-up exam and the student must be able to provide verification of the legitimacy of the absence. When the student has permission to reschedule, the instructor will schedule it at a time agreeable to both individuals. The final exam will be scheduled during the final exam period at the end of the semester.

### **Class Conduct**

Students are expected to turn off their cell phones prior to the beginning of class as a matter of common courtesy to classmates. While no formal attendance will be taken, students are responsible for all material covered in classroom discussion: this will include information not accessible through the required texts.

### **Academic Integrity**

All students are expected to be familiar with, and act in accordance with the University of Connecticut's policies on academic integrity. There is a zero tolerance policy with regard to cheating on exams. The maximum penalties described in *The Student Code Part IV* will be applied.

## Counseling and Mental Health Services

[www.cmhs.uconn.edu](http://www.cmhs.uconn.edu) 486-4705; after hours 486-3427

Career Services 486-3013 [www.career.uconn.edu](http://www.career.uconn.edu)

Alcohol and Drug Services 486-9431 [www.aod.uconn.edu](http://www.aod.uconn.edu)

Dean of Students Office 486-3426 [www.dos.uconn.edu](http://www.dos.uconn.edu)

## Course Outline by Topic

Introduction: course overview and linguistic theory

Nervous System

Speech Production:

Respiration

Phonation

Articulation

Speech Perception

## TOPIC

- 1) Introduction – course overview
- 2) Theoretical background
- 3) Anatomy & Physiology overview
- 4) Nervous System
- 5) Respiration
- 6) Phonation
- 7) Articulation
- 8) Auditory System
- 9) Speech Perception

## READINGS

- Zemlin ch. 1  
Zemlin ch.5  
Zemlin ch. 2  
Zemlin ch. 3  
Zemlin ch. 4  
SSP ch. 5\*  
SSP ch. 6\*

\* suggested reading