



CSD 4401 | Language Science Lab

SUMMER 2024

CLASS TIME, LOCATION, & CREDIT HOURS

Online (Asynchronous)

1 Credit Hour

INSTRUCTOR INFORMATION

***Tyler T. Chrisopoulos Ph.D. CCC-SLP*****Assistant Professor***tyler.christopoulos@utah.edu**Communication Sciences and Disorders**BEHS 1203; Office hours by appointment*

TEACHING ASSISTANT INFORMATION

None

COURSE DESCRIPTION

This online laboratory is intended to be taken by students while they are concurrently enrolled in CSD 4400 Language Science. Module assignments associated with this course focus on the methods and procedures for analyzing language samples. The specific topics covered in the modules are:

- Key components of language science
 - Grammaticality
 - Brown's 14 morphemes

- Parts of speech (i.e., Language structures)
- Grammatical Features
- Common complex sentence types
- Application
 - Child language sample transcription, scoring, and analysis

PRE- OR CO-REQUISITES

None

REQUIRED MATERIAL

(All required materials will be made available through the course Canvas page)

- **Retherford's Readings I: Getting Started with Guide (Chapter 1)**
(<https://utah.instructure.com/courses/993472/files/161836722?wrap=1>)
- **Retherford's Readings II: Syntactic Analysis (Chapter 3)**
(<https://utah.instructure.com/courses/993472/files/161836812?wrap=1>)

STUDENT LEARNING OUTCOMES

By the end of this course, students will be able to:

- Differentiate between grammatical and ungrammatical utterances
- Identify obligatory contexts for Brown's 14 grammatical morphemes
- Identify key parts of speech in English.
- Identify grammatical features as they are marked in English.
- Identify different types of complex sentences
- Describe how to collect a language sample and develop proficiencies in the transcription of audio samples of children's language.
- Calculate a mean length of utterance (MLU) from various language samples and interpret values obtained using age-based normative information.
- Calculate and interpret scores generated from language sample analyses, including means, standard deviations, and z-scores.
- Code a language sample to mark proficiencies with key grammatical forms.
- Analyze and interpret language samples.

TEACHING AND LEARNING METHODS

This is an online course that will be taught using online presentations and readings. Weeks will consist of individual modules accessed through Canvas. Online courses require unique focus, pacing, and dedication on the student's part in order to succeed. Course modules represent a significant time commitment. **STUDENTS SHOULD NOT WAIT UNTIL THE LAST MINUTE TO START ON QUIZZES AND THE FINAL ASSIGNMENT. YOU HAVE BEEN WARNED 😊**

ASSIGNMENTS

Course grades will be based on student performance on quizzes (250 total points) and a final assignment (60 points) across 8 modules over the course of the semester. Each module is posted in Canvas under the “*Modules*” button on the right-hand column. Upcoming modules will not unlock until the previous module has been completed. Due dates can be found on the respective module page in Canvas as well as below in the *Course Schedule* section.

📋 GRADING CRITERIA

A total of 310 points are possible. Grades will be determined based on a percentage of total points earned.

The following grading standards will be used in this class:

Grade	Range
A	100 % to 92.5%
A-	< 92.5 % to 89.5%
B+	< 89.5 % to 87.5%
B	< 87.5 % to 82.5%
B-	< 82.5 % to 79.5%
C+	< 79.5 % to 77.5%
C	< 77.5 % to 72.5%
C-	< 72.5 % to 69.5%
D+	< 69.5 % to 67.5%
D	< 67.5 % to 62.5%
D-	< 62.5 % to 59.5%
F	< 59.5 % to 0.0%

COURSE POLICIES AND RESPONSIBILITIES

Due Date Policy: Please note the due dates for modules. Late work will receive a zero. If an emergency arises that prevents you from completing your work on time, please email me as soon as possible so that arrangements can be made for you to keep up in the class. The late policy may be waived at my discretion in case of an emergency.

Most quizzes within the modules require a minimum score of 90% to ensure proficiency before moving on to the next concept. These quizzes may be taken as many times as necessary. Scores under 90% will receive a zero.

Communicating with Instructor: If you are having difficulties with any of the concepts prior to taking quizzes, please contact me well before the due date. I am happy to answer questions about the quizzes and provide additional instruction as needed. I try to respond to emails that are sent on Mondays-Fridays on the same day if received by 4:00 p.m. There may be a delay in responding to emails that are sent after hours or on weekends.

Mandatory Reporter:

Duty to Notify: As a University representative, most faculty, staff, and teaching assistants (other than professional mental health counsellors) are required to report information learned about instances of sexual misconduct, discrimination, and/or immediate threats to safety to the University of Utah Office of Equal Opportunity and Affirmative Action and/or the Office of the Dean of Students.

If you do choose to disclose instances of sexual misconduct, discrimination, or violence to me, please be aware that I am a mandatory reporter and am required by University policies to notify the appropriate Office.

Online Course Statement:

Online courses require significant self-motivation. Online courses are different than on-campus courses and online learning is not ideal for everyone. Some lessons take a considerable amount of time to complete. Please note that not all modules are created equal. Some may take a bit more time than others. Some people believe this to be a much easier way to study this subject than in the on-campus framework. Others may feel very intimidated at first. Be patient as you work your way through the first few modules. If you are serious about the material, you will learn as much as, if not more than, most on-campus students about this subject and develop reading and communication skills that are vital to the workforce of the 21st century.



- **Electronic or equipment failure:** It is your responsibility to maintain your computer and related equipment in order to participate in the online nature of the course.
- **Document archiving:** You are responsible for making sure your assignments, including attachments, are received before the deadline. Students are also responsible for ensuring that the documents

submitted are the correct document to be graded.

- **Naming conventions and software type**: You are responsible for submitting the assignment with the required naming convention, correct file extension, and using the software type and version required for the assignment. See assignment instructions for acceptable formats.
- **Classroom equivalency**: Discussion threads, e-mails, and chat rooms are all considered to be equivalent to classrooms, and student behavior within those environments shall conform to the University of Utah Student Code. Specifically:
 - Posting photos or comments that would be off-topic in a classroom are still off-topic in an online posting.
 - Off-color language and photos are never appropriate.
 - Using angry or abusive language is called "flaming", is not acceptable, and will be dealt with according to the Student Code.
 - Course e-mails, e-journals, and other online course communications are part of the classroom and as such, are University property and subject to GRAMA regulations and the Student Code. Privacy regarding these communications between correspondents must not be assumed and should be mutually agreed upon in advance, in writing.

UNIVERSITY POLICIES

COVID-19 Information

 [Dean of Student's Covid-19 Information](https://deanofstudents.utah.edu/covid/index.php)  (<https://deanofstudents.utah.edu/covid/index.php>)

COVID-19 Central @ The U


 801-213-2874

 coronavirus.utah.edu (<https://coronavirus.utah.edu/>)

Drop/Withdrawal Policies


Students may drop a course within the first two weeks of a given semester without any penalties.

Students may officially withdraw (W) from a class or all classes after the drop deadline through the midpoint of a course. A "W" grade is recorded on the transcript and appropriate tuition/fees are assessed. The grade "W" is not used in calculating the student's GPA.

For deadlines to withdraw from full-term, first, and second session classes, see the U's [Academic Calendar](https://registrar.utah.edu/academic-calendars/index.php)  (<https://registrar.utah.edu/academic-calendars/index.php>).

Academic Honesty, Plagiarism and Cheating

It is assumed that all work submitted to your instructor is your own work. When you have used the ideas of others, you must properly indicate that you have done so.

It is expected that students adhere to University of Utah policies regarding academic honesty, including but not limited to refraining from cheating, plagiarizing, misrepresenting one's work, and/or inappropriately collaborating. This includes the use of generative artificial intelligence (AI) tools without citation, documentation, or authorization. Students are expected to adhere to the prescribed professional and ethical standards of the profession/discipline for which they are preparing. Any student who engages in academic dishonesty or who violates the professional and ethical standards for their profession/discipline may be subject to academic sanctions as per the University of Utah's Student Code: <https://regulations.utah.edu/academics/6-410.php> 
(<https://regulations.utah.edu/academics/6-410.php>)



Plagiarism and cheating are serious offenses and may be punished by failure on an individual assignment, and/or failure in the course. Academic misconduct, according to the University of Utah Student Code,

"...Includes, but is not limited to, cheating, misrepresenting one's work, inappropriately collaborating, plagiarism, and fabrication or falsification of information...It also includes facilitating academic misconduct by intentionally helping or attempting to help another to commit an act of academic misconduct."

For details on plagiarism and other important course conduct issues, see the U's [Code of Student Rights and Responsibilities](http://regulations.utah.edu/academics/6-400.php)  (<http://regulations.utah.edu/academics/6-400.php>).

Course Materials Copyright

The Content is made available only for your personal, noncommercial educational, and scholarly use. You may not use the Content for any other purpose, or distribute, post or make the Content available to others unless you obtain any required permission from the copyright holder. Some Content may be provided via streaming or other means that restrict copying; you may not circumvent those restrictions. You may not alter or remove any copyright or other proprietary notices included in the Content.

Please see the [Code of Student Rights and Responsibilities](https://regulations.utah.edu/academics/6-400.php)  (<https://regulations.utah.edu/academics/6-400.php>), Section III.A.5 regarding the **use and distribution of class Content**  (<https://regulations.utah.edu/academics/6-400.php>) and materials. Section III.A.5. prohibits the following:

Sale or distribution of information representing the work product of a faculty member to a commercial entity for financial gain without the express written permission of the faculty member responsible for the course. ("Work product" means original works of authorship that have been fixed in a tangible medium and any works based upon and derived from the original work of authorship.)

Safety at the U

The University of Utah values the safety of all campus community members. You will receive important emergency alerts and safety messages regarding campus safety via text message.

For more safety information and to view available training resources, including helpful videos, visit safeu.utah.edu (<http://safeu.utah.edu>).

To report suspicious activity or to request a courtesy escort, contact:

Campus Police & Department of Public Safety

📞 801-585-COPS (801-585-2677)

🌐 dps.utah.edu ↗ (<https://dps.utah.edu>)

📍 1735 E. S. Campus Dr.
Salt Lake City, UT 84112

Wellness at the U

Your personal health and wellness are essential to your success as a student. Personal concerns like stress, anxiety, relationship difficulties, depression, or cross-cultural differences can interfere with a student's ability to succeed and thrive in this course and at the University of Utah.

Please feel welcome to reach out to your instructor or TA to handle issues regarding your coursework.

For helpful resources to manage your personal wellness and counseling options, contact:

Center for Student Wellness

📞 801-581-7776

🌐 wellness.utah.edu (<http://wellness.utah.edu>)

📍 2100 Eccles Student Life Center
1836 Student Life Way
Salt Lake City, UT 84112

Women's Resource Center

📞 801-581-8030

🌐 womenscenter.utah.edu ↗ (<https://womenscenter.utah.edu>)

📍 411 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

Addressing Sexual Misconduct

Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status, or genetic information.

If you or someone you know has been harassed or assaulted, you are encouraged to report it to university officials:

Title IX Coordinator & Office of Equal Opportunity and Affirmative Action

📞 801-581-8365

🌐 oeo.utah.edu ↗️ (<https://oeo.utah.edu/>)

📍 383 South University Street
Level 1 OEO Suite
Salt Lake City, UT 84112

Office of the Dean of Students

📞 801-581-7066

🌐 deanofstudents.utah.edu ↗️ (<https://deanofstudents.utah.edu/>)

📍 270 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

To file a police report, contact:

Campus Police & Department of Public Safety

📞 801-585-COPS (801-585-2677)

🌐 dps.utah.edu ↗️ (<https://dps.utah.edu/>)

📍 1658 E 500 S
Salt Lake City, UT 84112

If you do not feel comfortable reporting to authorities, the U's Victim-Survivor Advocates provide **free**, **confidential**, and **trauma-informed** support services to **students, faculty, and staff** who have experienced interpersonal violence.

To **privately** explore options and resources available to you with an advocate, contact:

Center for Campus Wellness

📞 801-581-7776

🌐 wellness.utah.edu (<http://wellness.utah.edu/>)

📍 Student Services Building (SSB)
Room 330
201 S. 1460 E.
Salt Lake City, UT 84112

Americans With Disabilities Act (ADA)

The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities.


All written information in this course can be made available in an alternative format with prior notification to the Center for Disability & Access (CDA). CDA will work with you and the instructor to make arrangements for accommodations. Prior notice is appreciated. To read the full accommodations policy for the University of Utah, please see Section Q of the **[Instruction & Evaluation regulations](http://regulations.utah.edu/academics/6-100.php)** ↗️ (<http://regulations.utah.edu/academics/6-100.php>).

If you will need accommodations in this class, or for more information about what support they provide, contact:

Center for Disability & Access

 801-581-5020

 disability.utah.edu  (<https://disability.utah.edu/>)

 162 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

Diverse Student Support

Your success at the University of Utah is important to all of us here! If you feel like you need extra support in academics, overcoming personal difficulties, or finding community, the U is here for you.

Student Support Services (TRIO)

TRIO federal programs are targeted to serve and assist low-income individuals, first-generation college students, and individuals with disabilities.


Student Support Services (SSS) is a TRIO program for current or incoming undergraduate university students who are seeking their first bachelor's degree and need academic assistance and other services to be successful at the University of Utah.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

Student Support Services (TRIO)

 801-581-7188

 trio.utah.edu  (<https://trio.utah.edu/>)

 Room 2075
1901 E. S. Campus Dr.
Salt Lake City, UT 84112

American Indian Students

The AIRC works to increase American Indian student visibility and success on campus by advocating for and providing student-centered programs and tools to enhance academic success, cultural events to promote personal well-being, and a supportive “home-away-from-home” space for students to grow and develop leadership skills.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

American Indian Resource Center

 801-581-7019

 diversity.utah.edu/centers/airc  (<https://diversity.utah.edu/centers/airc/>)

 Fort Douglas Building 622

1925 De Trobriand St.
Salt Lake City, UT 84113

Black Students

Using a pan-African lens, the Black Cultural Center seeks to counteract persistent campus-wide and global anti-blackness. The Black Cultural Center works to holistically enrich, educate, and advocate for students, faculty, and staff through Black-centered programming, culturally affirming educational initiatives, and retention strategies.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

Black Cultural Center

📞 801-213-1441

🌐 diversity.utah.edu/centers/bcc ↗️ (<https://diversity.utah.edu/centers/bcc/>)

📍 Fort Douglas Building 603
95 Fort Douglas Blvd.
Salt Lake City, UT 84113

Students with Children

Our mission is to support and coordinate information, program development, and services that enhance family resources as well as the availability, affordability, and quality of child care for University students, faculty, and staff.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

Center for Childcare & Family Resources

📞 801-585-5897

🌐 childcare.utah.edu ↗️ (<https://childcare.utah.edu/>)

📍 408 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

Students With Disabilities

The Center for Disability and Access is dedicated to serving students with disabilities by providing the opportunity for success and equal access at the University of Utah. They also strive to create an inclusive, safe, and respectful environment.

For more information about what support they provide and links to other resources, view their website or contact:

Center for Disability and Access

📞 801-581-5020

🌐 disability.utah.edu ↗️ (<https://disability.utah.edu/>)

📍 162 Union Building

200 S. Central Campus Dr.
Salt Lake City, UT 84112

Students of Ethnic Descent

The Center for Ethnic Student Affairs offers several programs dedicated to the success of students with varied cultural and ethnic backgrounds. Its mission is to create an inclusive, safe campus community that values the experiences of all students.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

Center for Ethnic Student Affairs

 801-581-8151

 diversity.utah.edu/centers/cesa/  [\(https://diversity.utah.edu/centers/cesa/\)](https://diversity.utah.edu/centers/cesa/)

 235 Union Building

200 S. Central Campus Dr.
Salt Lake City, UT 84112

English as a Second/Additional Language (ESL) Students

If you are an English language learner, there are several resources on campus available to help you develop your English writing and language skills. Feel free to contact:

Writing Center

 801-587-9122

 writingcenter.utah.edu [.\(http://writingcenter.utah.edu/\)](http://writingcenter.utah.edu)

 2701 Marriott Library

295 S 1500 E
Salt Lake City, UT 84112

English for Academic Success (EAS) Program

 801-581-8047

 linguistics.utah.edu  [\(https://linguistics.utah.edu/\)](https://linguistics.utah.edu/)

 2300 LNCO

255 S. Central Campus Dr.
Salt Lake City, UT 84112

English Language Institute

 801-581-4600

 continue.utah.edu/eli [.\(http://continue.utah.edu/eli\)](http://continue.utah.edu/eli)

 540 Arapeen Dr.

Salt Lake City, UT 84108

Undocumented Students

Immigration is a complex phenomenon with broad impact—those who are directly affected by it and those who are indirectly affected by their relationships with family members, friends, and loved ones.

If your immigration status presents obstacles that prevent you from engaging in specific activities or fulfilling specific course criteria, confidential arrangements may be requested from the Dream Center.


Arrangements with the Dream Center will not jeopardize your student status, your financial aid, or any other part of your residence. The Dream Center offers a wide range of resources to support undocumented students (with and without DACA) as well as students from mixed-status families.

For more information about what support they provide and links to other resources, view their website or contact:

Dream Center

 801-213-3697

 dream.utah.edu (<http://dream.utah.edu/>)

 200 S. CENTRAL CAMPUS DRIVE
UNION, ROOM 80
SALT LAKE CITY, UT 84112

LGBTQ+ Students


The LGBTQ+ Resource Center acts in accountability with the campus community by identifying the needs of people with a queer range of [a]gender and [a]sexual experiences and responding with university-wide services.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

LGBTQ+ Resource Center

 801-587-7973

 lgbt.utah.edu (<http://lgbt.utah.edu/>)

 409 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

Veterans & Military Students


The mission of the Veterans Support Center is to improve and enhance the individual and academic success of veterans, service members, and their family members who attend the university; to help them receive the benefits they earned, and to serve as a liaison between the student veteran community and the university.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

Veterans Support Center

 801-587-7722

 ([http://lgbt.utah.edu/](http://lgbt.utah.edu)) veteranscenter.utah.edu  (<http://veteranscenter.utah.edu/>)

 418 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

Women

The Women's Resource Center (WRC) at the University of Utah serves as the central resource for educational and support services for women. Honoring the complexities of women's identities, the WRC facilitates choices and changes through programs, counseling, and training grounded in a commitment to advance social justice and equality.

For more information about what support they provide, a list of ongoing events, and links to other resources, view their website or contact:

Women's Resource Center

📞 801-581-8030

🌐 womenscenter.utah.edu ↗️ (<https://womenscenter.utah.edu/>)

📍 411 Union Building
200 S. Central Campus Dr.
Salt Lake City, UT 84112

Inclusivity at the U

The Office for Inclusive Excellence is here to engage, support, and advance an environment fostering the values of respect, diversity, equity, inclusivity, and academic excellence for students in our increasingly global campus community. They also handle reports of bias in the classroom as outlined below:

Bias or hate incidents consist of speech, conduct, or some other form of expression or action that is motivated wholly or in part by prejudice or bias whose impact discriminates, demeans, embarrasses, assigns stereotypes, harasses, or excludes individuals because of their race, color, ethnicity, national origin, language, sex, size, gender identity or expression, sexual orientation, disability, age, or religion.

For more information about what support they provide and links to other resources, or to report a bias incident, view their website or contact:

Office for Inclusive Excellence

📞 801-581-4600

🌐 inclusive-excellence.utah.edu ↗️ (<https://inclusive-excellence.utah.edu/>)
(<http://continue.utah.edu/eli>)

📍 200 S. CENTRAL CAMPUS DRIVE
UNION, ROOM 70
SALT LAKE CITY, UT 84112

Other Student Groups at the U

To learn more about some of the other resource groups available at the U, check out:

🌐 getinvolved.utah.edu/ (<https://getinvolved.utah.edu/>)

🌐 <https://ssc.utah.edu/tools-for-success.php> ↗️ (<https://ssc.utah.edu/tools-for-success.php>)

CANVAS INFORMATION

Canvas is the where course content, grades, and communication will reside for this course.

- Access Canvas through utah.instructure.com or through **CIS** [↗\(https://cis.utah.edu\)](https://cis.utah.edu)
- For Canvas, Passwords, or any other computer-related technical support contact the **Campus Help Desk** [↗\(https://it.utah.edu/help/\)](https://it.utah.edu/help/).
 - 801 581-4000
 - <http://it.utah.edu/help> [↗\(https://it.utah.edu/help/\)](https://it.utah.edu/help/)
 - helpdesk@utah.edu (<mailto:helpdesk@utah.edu>)
- For Canvas related issues or bugs, contact the Teaching & Learning Technologies help desk
 - 801-581-6112 ext 2
 - classhelp@utah.edu (<mailto:classhelp@utah.edu>)

COURSE SCHEDULE

Note: Our schedule is subject to revision based on the needs of our class; any updates will be made available for students through Canvas.

Date	Module # and Topic	Quizzes* & Assignments	Points	Due Date
Week 1 5/13-5/17	Module 1: Grammaticality	Quizzes: 1 & 2	20 (10 each)	5/17
Weeks 2 & 3 5/20-5/31	Module 2: Brown's 14 Morphemes	Quizzes: 3-16	140 (10 each)	5/31
Weeks 4 & 5 6/3-6/14	Module 3: Syntactic features of the English language	Quizzes: 17-19	30 (10 each)	6/14

Week 6 6/17-6/21	Module 4: Introduction to language sample analysis and transcription	Quizzes: 20 & 21	15 (20: 10 pts, 21: 5 pts)	6/21
Week 7 6/24-6/28	Module 5: Counting morphemes and calculating the mean length of utterance (MLU)	Quizzes: 22-25	15 (22: 10 pts 25: 5 pts)	6/28
Week 8 7/1-7/5	Module 6: Calculating and interpreting scores	Quizzes: 26 & 27	15 (26: 5 pts 27: 10 pts)	7/5
Week 9 & 10 7/8-7/19	Module 7: Coding language samples	Quizzes: 28-30	15 (5 each)	7/19
Weeks 11 & 12 7/22-8/2	Module 8: Interpreting language sample results	Assignment: Final Report	60	8/2
*Most quizzes require a score of at least 90%. You may take these quizzes as many times as needed. Any score less than 90% will receive a zero.			310 total points	