

# HGEN 6410: Practical Applications of Clinical Genetics For Genetic Counselors

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**Credit Hours: 2.0**

## Contact Information

Name	Position	Phone	Email
Instructors TBD			UUGPGC@utah.edu

## Course Information

### Brief Description of Course

This course will focus on the practical application of critical information that is presented in the Clinical Genetics Across the Lifespan course. Students will participate in class discussions, case reviews, presentations, and other activities to support critical thinking and the application of clinical genetics concepts. Genetic counseling skills will also be emphasized throughout the course. Pre-recorded lectures may be included in this course, as well as invited speakers or families, to give more depth of knowledge regarding the lived experiences of individuals with genetic conditions.

### Course Objectives

At the end of this course students will be able to:

- 1) Analyze a patient's clinical features and design a genetic counseling plan to evaluate the patient.
- 2) Identify and employ medical management recommendations and screening guidelines, to clients as it relates to specific life stages. In addition, begin to formulate guidelines from primary literature when formal guidelines are unavailable.
- 3) Determine appropriate genetic testing for clients and accurately interpret certain and uncertain results.
- 4) Recognize psychosocial issues specific to individuals and families with genetic conditions and propose a strategy for addressing these concerns.
- 5) Describe the etiology, common clinical features, and natural history of several common genetic conditions.
- 6) Recognize important elements of clinical documentation and begin to generate clinical documentation.

### The ACGC Practice-Based Competencies Addressed in this course:

- Genetics and Genomics Expertise: 1; 1.a, 1.b., 1.c.
- Risk Assessment: 2; 2.a, 2.b., 2.c., 2.d.
- Counseling: 3; 3.a, 3.b, 3.c, 3.d.
- Communication: 4; 4.a, 4.b, 4.c.
- Research: 5, 5.a., 5.b., 5.c.,
- Healthcare Systems: 6; 6.a, 6.b., 6.c., 6.d.
- Professional Identity: 7; 7.a, 7.b, 7.c, 7.d.

## Course Format & Schedule

### Timeline

One semester

### Educational and Instructional Modalities

This course is held in person for one 120-minute session a week.

### Role of the Student in this Course



Students will be expected to engage in a variety of learning activities including reading, viewing videos, sharing with peers, role plays, writing and creating educational presentations.

### Required Textbooks/Readings

- Additional reading assignments and sources will be found in Canvas under each individual class.

## Assessment & Grading

### Evaluation Methods

The student's final grade will be based on homework assignments, professional clinical presentations, and class participation. **Students must earn at least B- to pass the course.**

### Grading System

Students will receive a final letter grade. To pass this course you must achieve an overall score of at least 80% (a B- equivalent) as required by the Department of Human Genetics.

#### Grading Scale

A	95-100
A-	90-94
B+	86-89
B	82-85
B-	79 – 81
C+	76-78
C	73-75
C-	70-72
D+	67-69
D	64-66
D-	60-63
F	Below 60

## Standard Policies

### **The Americans with Disabilities Act.**

The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 801-581-5020. CDS will work with you and the instructor to make arrangements for accommodation. All written information in this course can be made available in an alternative format with prior notification to the Center for Disability Services.

### **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 the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to the police, contact the Department of Public Safety, 801-585-2677 (COPS).

### **Campus Safety.**

The University of Utah values the safety of all campus community members. To report suspicious activity, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit [safeu.utah.edu](http://safeu.utah.edu).

### **Alternate Name and/or Personal Pronoun**

Class rosters are provided to the instructor with the student's legal name as well as 'Preferred' first name (if previously entered by you in the Student Profile section of your CIS account). While CIS refers to this as merely a preference, we will honor you by referring to you with the name and pronoun that feels best for you in class, on papers, exams, group projects, etc. Please advise us of any name or pronoun changes (and please update CIS) so we can help create a learning environment in which you, your name, and your pronoun will be respected.

### **Current COVID-19 Campus Guidelines**

COVID-19 Guidelines change rapidly. Please access the most current information COVID-19 Central @ The U. [coronavirus.utah.edu](http://coronavirus.utah.edu)