

## CHEMISTRY

- I. June 21 - July 23 (Five weeks)  
 II. July 26 - August 27 (Five weeks)

- S25, S27. GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS  
 One class period and one two-hour laboratory period per day. *Prerequisite:* Course 23 or the equivalent in high school chemistry and mathematics. \$50 course fee per semester.  
 I. and II. 7:30-11:45 Rooms 104W and 115W *Tyndall; Frye*
- S131; S133. ORGANIC CHEMISTRY  
 One class period and one two-hour laboratory period per day. *Prerequisite:* Course 27. \$50 course fee per semester.  
 I. and II. 7:30-11:45 Rooms 104W and 102W *Wedegaertner, Cobb, Gross*
- S139. ELEMENTS OF ORGANIC CHEMISTRY  
 One class period and one two-hour laboratory period per day. *Prerequisite:* Course 27. \$50 course fee per semester.  
 II. 7:30-11:45 Room 114S *Matuszak*
- S231. ADVANCED ORGANIC LABORATORY  
 Selected problems in synthesis. *Prerequisite:* Course 133.  
 I. By arrangement. *Wedegaertner*
- S233, S234. ADVANCED ORGANIC CHEMISTRY  
*Prerequisite:* 133, 161, or 169.  
 I. and II. 7:30-9:05 Room 103W *Wedegaertner, Gross, Cobb*
- S241. ADVANCED ANALYTICAL CHEMISTRY  
 Instrumental methods of analysis. *Prerequisite:* Course 165.  
 I. By arrangement. *Frye*
- S262. QUANTUM CHEMISTRY  
 I. 9:05-10:40 Room 103W *Tyndall*
- S271, S274. ADVANCED INORGANIC CHEMISTRY  
 The application of the Principles of Chemistry on an advanced level; chemical bonding, ligand field theory. *Prerequisite:* Permission of the instructor.  
 I. and II. 10:50-12:20 Room 103W *Frye; Spreer*
- S297; S298 GRADUATE RESEARCH  
 I. and II. By arrangement. *Staff*
- S299. THESIS  
 I. and II. By arrangement. *Staff*
- S391; S392. INDEPENDENT STUDY  
 I. and II. By arrangement. *Staff*
- S397; S398. GRADUATE RESEARCH  
 I. and II. By arrangement. *Staff*
- S399. DISSERTATION  
 I. and II. By arrangement. *Staff*

## COMMUNICATION ARTS AND SCIENCES

- I. June 21 - July 3C (Six weeks)

## COMMUNICATION ARTS

- S107. GROUP DYNAMICS I.  
 A study of the processes of human interaction emphasizing experimental literature and laboratory experiences.  
 I. 8:40-10:10 Room 210Ad *Duns*

- S114. ARGUMENTATION  
 An examination of the uses of reasoning with emphasis upon debate. The Speech Arts Institute will be used as laboratory for the course.  
 I. 8:40-10:10 Room 211Ad *Winters*
- S191. INDEPENDENT STUDY  
 I. By arrangement *Staff*
- S193a. PHONETICS AND PHONEMICS  
 An examination of Speech sounds; their mechanism, structuring, and production in representative languages.  
 I. 7:00-8:30 Room 210Ad *H. Hansen*
- S193b. GENERAL SEMANTICS  
 A study of the use and abuse of language and the effects of communication on human behavior.  
 I. 10:15-11:45 Room 210Ad *H. Hansen*
- S214. ARGUMENTATION  
 I. 8:40-10:10 Room 211Ad *Winters*
- S291. INDEPENDENT STUDY  
 I. By arrangement *Staff*
- S295c. PERSUASION  
 An examination of the Theory and experimental literature related to the processes of attitude and behavior change.  
 I. 1:30-3:00 Room 134WPC *Duns*

## SPEECH AND HEARING SCIENCES

- I. June 21 - July 30 (Six weeks)

- S174. SPEECH AND LANGUAGE DISORDERS  
 A course designed for classroom teachers and other persons interested in working with children, but who are not majoring in Speech and Hearing Science. The purpose of the course is to introduce the class to the identification and classification of various speech and language disorders of children. Class discussions will be supplemented by actual observations and experiences with children with speech or language problems.  
 I. 8:40-10:10 Room 210NH *Timmons*
- S188. CLINICAL PRACTICUM IN SPEECH AND HEARING  
 I. 8:40-12:00 Room 11NH *Timmons, West Perrin*
- S193a. SPECIAL TOPIC: HEARING LOSS—IMPLICATIONS AND TREATMENT  
 Designed for teachers, administrators, parents, and others interested in the problems of hearing impaired children and adults. The causes as well as medical and surgical treatment for hearing loss will be discussed. Social, educational, and vocational problems of the hearing handicapped will be presented. Students enrolled in the course will also obtain clinical experience with hearing impaired individuals.  
 I. 7:00-8:30 Room 210NH *West*
- S285. COLLOQUIUM IN COMMUNICATION DISORDERS\* (1-3)  
 A series of three-day workshops designed to meet the needs of teachers, school administrators, special educators, and speech and hearing specialists. Students may enroll for the entire series or enroll in as many of the sections as they desire. Each program will be presented on Thursday afternoon from 1:00 to 5:00 p.m. and will continue on Friday from 9:00 to 4:00 p.m.