Department of Communication Sciences and Disorders

Dr. Vicki A. Reed, Department Head

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Professors
V. Reed, C. Runyan, R. Ruth, B. Ryals, B. Seal

Associate Professors
R. DePaolis, D. Halling, R. Hinkle, S. Runyan, C. O'Donoghue

Instructors
S. Ingram, R. Helton, J. Hilton, D. Schwalbach

Mission Statement
The Department of Communication Sciences and Disorders provides an undergraduate program that is both pre-professional and discipline oriented. This degree program provides preparation for a clinically oriented master’s degree program in speech-language pathology and a Clinical Doctorate (Ph.D.) in audiology program. These programs are designed to prepare speech-language pathologists and audiologists for state and national licensure/certification.

Goals
- Providing course work and observation at the undergraduate level, including study of the underlying science and development of human communication, and an introduction to disorders that may occur in human communication.
- Providing course work at the undergraduate level that will prepare students for (1) graduate study in the areas of speech-language pathology or audiology, (2) graduate school in a related discipline and (3) a liberal education in the discipline of communication sciences and disorders.
- Offering a minor in communication sciences and disorders for undergraduate students majoring in related fields.

The department offers a B.A. and B.S. in communication sciences and disorders. The department also offers the M.S. in speech-language pathology and the Ph.D. in audiology and in speech-language pathology. Inquiries concerning these graduate programs should be directed to the dean of the College of Graduate and Professional Programs or the department head.

A master’s degree is the minimum requirement for competency/certification endorsed by the American Speech-Language-Hearing Association and for Virginia licensure in speech pathology or audiology. The university also requires a master’s degree for its recommendation for Virginia teacher licensure. Effective 2007, ASHA will require 75 post-baccalaureate credits for clinical certification in audiology and in 2012 a doctoral degree will be required.

Applied Speech, Hearing and Language Laboratories
The JMU applied teaching laboratories for CSD students provide the services listed for communicatively impaired individuals of the university community and its service area. Appointments for services may be made by any member of the university community.

Areas of Service Delivery
- Speech-language and/or hearing assessments
- Habilitative and rehabilitative programs in speech, language and hearing disorders
- Preventative and educational consultation
- Referrals for other professional services when indicated

Career Opportunities
- Audiologist in medical centers, medical practice, private practice
- Speech-language pathologist in the public schools, rehabilitation centers, medical environment, private practice
- Clinical Supervisor
- Researcher, university professor
- Hearing Scientist
- Speech Scientist
Co-curricular Activities and Organizations
- National Student Speech-Language-Hearing Association

Degree and Major Requirements

Bachelor of Arts in Communication Sciences and Disorders

Degree Requirements

<table>
<thead>
<tr>
<th>Required courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>41</td>
</tr>
<tr>
<td>Foreign Language classes (Intermediate level required)</td>
<td>0-14</td>
</tr>
<tr>
<td>Philosophy course(s) (In addition to General Education courses)</td>
<td>3</td>
</tr>
<tr>
<td>University electives</td>
<td>28-34</td>
</tr>
<tr>
<td>Major requirements (listed below)</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>

1 A biological sciences course is required. It may be taken as part of the General Education courses, as part of the B.A. requirement or as a non-departmental required course.
2 The General Education program contains a set of requirements each student must fulfill. The number of credit hours necessary to fulfill these requirements may vary.
3 The foreign language requirement may be satisfied by successful completion of the second semester of the intermediate level of the student’s chosen language (typically 232), or by placing out of that language through the Department of Foreign Language’s placement test.

Major Requirements

<table>
<thead>
<tr>
<th>Required courses</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>CSD 200. Introduction to Speech and Language Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 207. Speech Science I: Phonetics</td>
<td>3</td>
</tr>
<tr>
<td>CSD 208. Speech Science II: Anatomy and Physiology of the Ear and Voice Mechanism</td>
<td>3</td>
</tr>
<tr>
<td>CSD 209. Speech Science III: Acoustics of Speech and Hearing</td>
<td>3</td>
</tr>
<tr>
<td>CSD 300. Language Development</td>
<td>3</td>
</tr>
<tr>
<td>CSD 301. Audiology</td>
<td>3</td>
</tr>
<tr>
<td>CSD 310. Biostatistical Methods for Communication Sciences and Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 318. Aural Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>CSD 314. Phonological and Language Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 415. Neuroanatomy and Neurogenic Communication Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 416. Organic Speech Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 470. Methods and Observation</td>
<td>3</td>
</tr>
<tr>
<td>CSD 471. Methods and Observation in Audiology</td>
<td>3</td>
</tr>
<tr>
<td>GPSYC 101. General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>GPSYC 160. Life Span Human Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>48</td>
</tr>
</tbody>
</table>

1 For students planning to pursue a graduate degree in audiology, these courses are not required and are replaced by appropriate elective credit hours (e.g., CSD 420, CSD 421, EDUC 410, EDUC 422, GRPH 339, 03SCI 122 or SPED 311).

Bachelor of Science in Communication Sciences and Disorders

Degree Requirements

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<th>Required courses</th>
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<tbody>
<tr>
<td>General Education</td>
<td>41-44</td>
</tr>
<tr>
<td>Mathematics course</td>
<td>3</td>
</tr>
<tr>
<td>Social science or natural science course(s)</td>
<td>3-4</td>
</tr>
<tr>
<td>University electives</td>
<td>25-31</td>
</tr>
<tr>
<td>Major requirements (listed below)</td>
<td>48</td>
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2 The General Education program contains a set of requirements each student must fulfill. The number of credit hours necessary to fulfill these requirements may vary.
Major Requirements

Required courses | Credit Hours
--- | ---
CSD 200. Introduction to Speech and Language Disorders | 3
CSD 207. Speech Science I: Phonetics | 3
CSD 208. Speech Science II: Anatomy and Physiology of the Ear and Voice Mechanism | 3
CSD 209. Speech Science III: Acoustics of Speech and Hearing | 3
CSD 300. Language Development | 3
CSD 301. Audiology | 3
CSD 310. Biostatistical Methods for Communication Sciences and Disorders | 3
CSD 318. Aural Rehabilitation | 3
CSD 314. Phonological and Language Disorders | 3
CSD 415. Neuroanatomy and Neurogenic Communication Disorders | 3
CSD 416. Organic Speech Disorders | 3
CSD 470. Methods and Observation in Audiology | 3
CSD 471. Methods and Observation | 3
GPSYC 101. General Psychology | 3
GPSYC 160. Life Span Human Development | 3

1 For students planning to pursue a graduate degree in audiology, these courses are not required and are replaced by appropriate elective credit hours (e.g., CSD 420, CSD 421, EDUC 410, EDUC 422, GRPH 339, GSCI 122 or SPED 311).

Recommended Schedule for B.A. and B.S. Majors

First year | Credit Hours
--- | ---
Cluster One: Skills for the 21st century | 9-12
GPSYC 101. General Psychology | 3
General Education courses | 15

27-30

Second year | Credit Hours
--- | ---
CSD 200. Introduction to Communication Disorders | 3
CSD 207. Speech Science I: Phonetics | 3
CSD 208. Speech Science II: Anatomy and Physiology of the Ear and Voice Mechanism | 3
CSD 209. Speech Science III: Acoustics of Speech and Hearing | 3
GPSYC 160. Life Span Human Development | 3
General Education courses | 9
Electives | 4

31

Third year | Credit Hours
--- | ---
CSD 300. Language Development | 3
CSD 301. Audiology | 3
CSD 310. Biostatistical Methods for CSD. | 3
CSD 318. Aural Rehabilitation | 3
General Education courses | 10
Electives | 9

31

Fourth year | Credit Hours
--- | ---
CSD 314. Phonological and Language Disorders | 3
CSD 415. Neuroanatomy and Neurogenic Communication Disorders | 3
CSD 416. Organic Speech Disorders | 3
CSD 470. Methods and Observation in Audiology | 3
CSD 471. Methods and Observation | 3
Electives | 15-18

30-33

Minor Requirements

Communication Sciences and Disorders Minor

The minor program in communication sciences and disorders requires a minimum of 18 credit hours including:

- CSD 200. Introduction to Speech and Language Disorders
- CSD 300. Language Development