BACHELOR OF SCIENCE (SPEECH PATHOLOGY)

2015/2016 Information for future students
About Speech Pathology ..........................................................2
Why do we need speech pathologists?..............................2
Why study Speech Pathology at Curtin University?.......3
About the Bachelor of Science (Speech Pathology) course ..4
Clinical Placements .............................................................4
Duration ..............................................................................4
Accreditation and Registration .......................................4
Key Learning Areas and Curriculum Threads ..................4
Course Learning Outcomes ................................................4
Course Requirements ..........................................................5
Course Structure ..................................................................5
Academic Staff ...........................................................................5
Year 2 to Year 4 Structure ........................................................7

Verbal communication is a foundational human power that most of us take for granted.

Speech Pathologists are concerned with individuals across all ages including people who face communication difficulties or difficulties swallowing or feeding.

These difficulties may arise from a range of causes including neurological damage, hearing impairment, physical dysfunction, psychological disturbance and intellectual impairment, or from developmental delays which have no identified cause. As a speech pathologist you will work with those affected to reduce the impact of these difficulties on their lives.

Why do we need speech pathologists?
The Speech Pathology Association of Australia (2003) outlines the scope of practice for Speech Pathologists in Australia. Certain populations within Australia may access Speech Pathology services to achieve the following outcomes:

- Maintaining current communication and/or swallowing abilities
- Improving the communication and/or swallowing abilities of clients
- Facilitating access and participation in education programs, return-to-work programs and community-life activities
- Improving educational outcomes
- Improving general health, well-being and quality of life
- Preventing communication disability and swallowing handicaps
- Preventing respiratory problems associated with swallowing difficulties, reducing health risks and length of hospital stay
- Educating others about communication and/or swallowing disorders, intervention and management
- Improving communication performance at work
- Improving social and family relationships
- Facilitating independence in the community
- Improving the communication environment.

Speech pathologists work in a variety of ways including providing individual therapy, working in small groups, working within a classroom, becoming involved in home-based programs, providing resources and information, as well giving advice and direction to clients, their carers and other professionals.
They coordinate the management of clients, work as part of a multi-disciplinary team, consult with other agencies, provide workshops and support family members and other caregivers. A speech pathologist is an important member of an early intervention team, an aged care services team and a school therapy team.

The role of speech pathologists is to advocate strongly for appropriate care and services for people with communication disabilities.

A speech pathologist’s workload might include:
- Giving advice on feeding to a mother who has a baby with a cleft palate
- Working in a child care centre with a group of children who are hard to understand
- Working with a school child who can’t understand what his teacher says
- Working with a high school student who stutters
- Training a teacher who constantly loses her voice to use it more effectively
- Rehabilitation of a young man who has severe brain injury due to a motorcycle accident
- Liaising with the carers of an elderly man who has dementia
- Helping a woman who has had a stroke to regain her communication skills
- Providing education for teachers, doctors or parents
- Providing communication strategies for a person with intellectual disability
- Treating a person who has swallowing problems following a stroke
- Assisting children and adults who are learning to read (Speech Pathology Australia, 2003).

Why study Speech Pathology at Curtin University?
- Our graduates are recognised for their expertise in all facets of communication, their innovative approach to practice, their use of technology and their ability to conduct research in a variety of health sciences disciplines
- The Bachelor of Science (Speech Pathology) degree is accredited by Speech Pathology Australia
- You will gain invaluable practical experience in your clinical placements and have access to well-equipped clinical education facilities and resources including video, audio and computer hardware and software required for clinical practice and research into human communication sciences
- Our staff are experienced professionals with considerable clinical, teaching and research expertise.
ABOUT THE BACHELOR OF SCIENCE (SPEECH PATHOLOGY) COURSE

The Bachelor of Science (Speech Pathology) is a four-year undergraduate degree. In the final year students may complete the Speech Pathology stream or may be offered a place in the Honours Speech Pathology stream. The Speech Pathology Fourth Year Stream combines clinical practicum and weekly seminars, and the Honours Speech Pathology Stream includes clinical practicums, weekly seminars and an Honours research project.

Entry to the course is competitive, with increasing numbers of school leavers naming the program as a first preference. In 2011, the Faculty of Health Sciences introduced a common core first year curriculum in which first year students across the Faculty study common first year units, shared option stream units and discipline specific units. This new structure provides students with valuable inter-professional learning experiences, as they can meet and study alongside students enrolled in different health science programs, thus learning about the range of professionals with whom they may work upon graduating.

The quality of Curtin graduates is evident in the relatively high employment rate. Potential employers include the public health sector; teaching hospitals; community health (for example, Disability Services Commission); country health; private sector health; non-profit and non-government organisations; education; and private practice.

Clinical Placements
Students will undertake a number of clinical placements across the course. The School runs the award winning Adult Speech Pathology clinic and Stuttering Treatment Clinics. These clinics provide the opportunity for students to learn in a clinical environment as part of the clinical program whilst also providing a service to the members of the public.

Students that enter the Bachelor of Science (Speech Pathology) must be available for clinical placements throughout the final two years of the program. Placements may be scheduled outside of semester time and over the summer period. With increasing numbers of students in the undergraduate program and pressures on clinical placements there is limited flexibility around scheduling placements.

Placements are offered in the Perth metropolitan area as well as rural and remote areas. Students complete two years of academic study prior to commencing clinical practicum.

Applicants should be aware that before students commence any clinical placements, they are required to show evidence of the following:
- Senior First Aid Certification (this must be completed in Australia)
- A Department of Health Criminal Record Screening
- A Department of Education Police History Check
- A National Police Clearance
- A Working with Children Check
- Immunisations as required by the Health Department of WA.

Duration
This course is four years full-time or equivalent part-time study.

Accreditation and Registration
The Bachelor of Science (Speech Pathology) is accredited by Speech Pathology Australia (SPA). Therefore all graduates from the program are eligible to practice within Australia and other countries with whom SPA has a mutual recognition agreement.

Key Learning Areas and Curriculum Threads
Speech Pathology at Curtin focuses on three streams: Human Communication Science (Theory to Practice); Clinical Science in Speech Pathology (Practice to Theory) and Research Methods. During the first year, students complete units with other students within the Faculty of Health Science. In the final three years students complete units from each of the streams. The mapping of units into the streams is shown in the diagram on the final page.

Course Learning Outcomes
- Apply knowledge of human communication science to the delivery of speech pathology services and research in diverse and changing settings
- Critically analyse information to plan, implement and evaluate speech pathology services and research
- Locate, extract and critically appraise evidence and information from a range of resources to solve theoretical and applied problems in human communication science
- Demonstrate excellence in written, verbal and nonverbal communication skills appropriate to the discipline within a legal and ethical framework
- Use technologies relevant to the human communication sciences to inform clinical practice and research
- Understand and implement varied learning strategies, and take responsibility for ongoing professional and personal development
- Incorporate and demonstrate awareness of global or international perspectives in health care to clinical practice and research in speech pathology
- Demonstrate awareness of and respect for individual human rights and cultural diversity
- Independently and collaboratively apply professional skills in an ethical manner across a range of professional settings.
Course Requirements
Prerequisites: At least one science course 3A/3B from the following list: Biological Sciences, Chemistry, Earth and Environmental Science, Human Biological Science, Integrated Science, Psychology or Physics.

Applicants must also meet the University’s standard entry requirements, which include English competency.

Desirable: At least Mathematics 2C/2D.

The STAT is not accepted for entry to this course.

Course Structure
Degree Title(s): Bachelor of Science (Speech Pathology) (B-SPEECH)

Course coordinator: Dr Mary Claessen

<table>
<thead>
<tr>
<th>Units</th>
<th>Unit Name</th>
<th>% of Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA1001</td>
<td>Introduction to Human Communication Science</td>
<td>25.0</td>
</tr>
<tr>
<td>HUMB1000</td>
<td>Human Structure and Function</td>
<td>25.0</td>
</tr>
<tr>
<td>CMHL1000</td>
<td>Foundations for Professional Health Practice</td>
<td>25.0</td>
</tr>
<tr>
<td>PSYC1000</td>
<td>Introduction to Psychology</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Year 1, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL1002</td>
<td>Brain and Behaviour</td>
<td>25.0</td>
</tr>
<tr>
<td>INDH1000</td>
<td>Indigenous Cultures and Health</td>
<td>12.5</td>
</tr>
<tr>
<td>CMHL1001</td>
<td>Evidence Informed Health Practice</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA1000</td>
<td>Studies in Language Development</td>
<td>25.0</td>
</tr>
<tr>
<td>CMHL1003</td>
<td>Health and Health Behaviour</td>
<td>12.5</td>
</tr>
<tr>
<td><strong>Year 2, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2003</td>
<td>Cognitive Neuroscience in Speech Pathology</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA2003</td>
<td>Approaches to Language Analysis</td>
<td>25.0</td>
</tr>
<tr>
<td>BEHV2000</td>
<td>Psychological Science Experimental Methods</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA2000</td>
<td>Assessment in Speech Pathology</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Year 2, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA2001</td>
<td>Intervention in Speech Pathology</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA2005</td>
<td>Speech Science and Data Analysis</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA2002</td>
<td>Applied Speech Science and Stuttering</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA2004</td>
<td>Phonetics and Phonology</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Year 3, Semester 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA3002</td>
<td>Motor Speech and Voice Disorders</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA3005</td>
<td>Hearing and Multimodal Communication</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA3001</td>
<td>Introductory Clinical Practice in Speech Pathology 1</td>
<td>25.0</td>
</tr>
<tr>
<td>BIOL3006</td>
<td>Research to Practice in Speech Pathology 1</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Year 3, Semester 2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA3003</td>
<td>Introductory Clinical Practice in Speech Pathology 2</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA3000</td>
<td>Dysphagia</td>
<td>25.0</td>
</tr>
<tr>
<td>STAT3004</td>
<td>Research to Practice in Speech Pathology 2</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA3004</td>
<td>Professional Development in Speech Pathology</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Year 4, Semester 1 - Honours Stream - STRH-SPEEC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA4000</td>
<td>Honours Research in Speech Pathology 1</td>
<td>50.0</td>
</tr>
<tr>
<td>SPPA4002</td>
<td>Clinical Practice in Speech Pathology Honours 1</td>
<td>37.5</td>
</tr>
<tr>
<td>SPPA4001</td>
<td>Advanced Topics in Speech Pathology Honours 1</td>
<td>12.5</td>
</tr>
<tr>
<td><strong>Year 4, Semester 2 - Honours Stream - STRH-SPEEC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA4012</td>
<td>Advanced Topics in Speech Pathology Honours 2</td>
<td>12.5</td>
</tr>
<tr>
<td>SPPA4010</td>
<td>Clinical Practice in Speech Pathology Honours 2</td>
<td>37.5</td>
</tr>
<tr>
<td>SPPA4011</td>
<td>Honours Research in Speech Pathology</td>
<td>50.0</td>
</tr>
<tr>
<td><strong>Year 4, Semester 1 - Fourth Year Stream - STRU-SPEEC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA4003</td>
<td>Advanced Topics in Speech Pathology 1</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA4005</td>
<td>Clinical Practice in Speech Pathology 1</td>
<td>50.0</td>
</tr>
<tr>
<td>SPPA4004</td>
<td>Collaborative Practice in Speech Pathology 1</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Year 4, Semester 2 - Fourth Year Stream - STRU-SPEEC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPPA4008</td>
<td>Advanced Topics in Speech Pathology 2</td>
<td>25.0</td>
</tr>
<tr>
<td>SPPA4009</td>
<td>Clinical Practice in Speech Pathology 2</td>
<td>50.0</td>
</tr>
<tr>
<td>SPPA4007</td>
<td>Collaborative Practice in Speech Pathology 2</td>
<td>25.0</td>
</tr>
</tbody>
</table>

ACADEMIC STAFF

Dr Mary Claessen
Director of Speech Pathology Programs
Mary is a speech pathologist, and a current practising member of Speech Pathology Australia. She completed her PhD at Curtin University in the area of phonological processing skills of children with Specific Language Impairment. Mary has many years of clinical experience in the area of children’s speech and language disorders.

Mary is the Director of Speech Pathology Programs. She has been lecturing at Curtin University since 2002 and currently teaches in the areas of language development, language analysis, phonology, evidence-based practice and ethical issues in Speech Pathology. Mary’s focus is on encouraging students to become lifelong learners who are passionate about the importance of communication skills across the lifespan. Her focus is on teaching students to become clinical scientists and in bridging the gap between theory and practice through evidence-based practice.

Ms Michelle Quail
Michelle is the Course Coordinator for the Master of Speech Pathology. She is also a Clinical Coordinator for the program and is passionate about clinical education and supporting students to make the most of the clinical practice components of the course. Michelle is also a senior speech pathologist and manager in paediatric private practice and enjoys bringing these practical experiences into her teaching. Michelle has also worked for Playgroup WA and volunteers on a number of committees including Speech Pathology Australia and Early Childhood Intervention Australia.

Dr Janet Beilby
Janet is a speech pathologist, a member of Speech Pathology Australia and a member of the Private Speech Pathology Association of WA. She received a Master of Science (Speech Science) from the University of Arizona in 1983. Janet also has a Certificate of Clinical Competence that permits her to be accredited with ASHLA and to practice in the US. Janet has over 30 years’ experience lecturing in the assessment and management of children and adults with stuttering disorders across both the undergraduate and Graduate Entry Masters programs at Curtin University. Janet has been a clinical educator and has been responsible for the Curtin University Stuttering Clinic.

Janet’s current research interests include stuttering disorders in children and adults, adolescent stuttering and social anxiety and psychological aspects of early stuttering.

Dr Britta Biedermann
Britta has recently joined us from Macquarie University. Britta is a cognitive (neuro)scientist with a special interest in spoken language production in healthy adult speakers and in people with aphasia. Britta will be teaching across a range of units in the speech pathology program including in the area of research design, phonetics and adult communication disorders. Britta’s research interests lie in the area of diagnosis and treatment of adult communication disorders.
Dr Naomi Cocks

Naomi is a speech pathologist with an interest in acquired communication and swallowing impairments. Prior to working as a lecturer, she worked as a speech pathologist specialising in swallowing and communication difficulties of a neurological cause in a range of healthcare settings in Perth. In 2005, after completing her PhD, she moved to London to take up a lecturing post in the Language and Communication Science Division at City University London, UK. She became a Senior Lecturer at City University in 2009. At City University London she taught a range of different topics including swallowing disorders, acquired communication impairments and professional studies. She was Programme Director of the undergraduate speech and language therapy training programme at City University London in 2010.

Whilst at City University London, Naomi was also involved in a number of research projects on swallowing difficulties and acquired communication impairments. She has published a number of journal articles on these topics and is also the author of two books on swallowing difficulties. She has presented at a number of international conferences, including invited presentations at conferences in the UK and Russia. At City University, together with Dr Madeline Cruice, she set up the City University Reading Clinic. This clinic provided an assessment and treatment service for people with reading difficulties after stroke or head injury. In 2012, she returned to Perth to take up her current role of Senior Lecturer in the School of Psychology and Speech Pathology.

Dr Neville Hennessey

Neville completed an Honours degree and Doctorate in Psychology at The University of Western Australia. Neville has been lecturing in the Bachelor of Science (Speech Pathology) program at Curtin University for more than 15 years, and in the Graduate Entry Master of Speech Pathology program since it began in 2000. Neville currently teaches speech science at second year undergraduate and GEM level and research methods within both the undergraduate and GEM programs. He is the Honours co-coordinator for the undergraduate Speech Pathology program. Neville is an editorial consultant for the Journal of Fluency Disorders.

Neville’s research interests span a number of areas including normal and disordered speech perception and production, and psycholinguistic models of language and reading. He has published in the areas of visual word recognition and naming, stuttering, phonological deficits in dyslexia, child speech and language impairment, and the effects of speech therapy on the use of computer based speech recognition technology by people with dysarthria.

Dr Suze Leitão

Suze is a speech pathologist and a Fellow of Speech Pathology Australia. Suze is currently the Chair of the Ethics Board of Speech Pathology Australia. Suze has been lecturing at Curtin since 2002 and teaches in the clinical science stream of the course. The focus of these units is assessment and intervention across the lifespan with a focus on building links between theory and clinical practice and teaching students to become clinical scientists. She also teaches within clinical research areas and supervises a range of research students.

Suze’s research interests include phonological processing and literacy, discourse processing, text production, evidence-based practice and treatment effectiveness research. In 2005 Suze was the Chairperson of the Speech Pathology Australia Literacy reference group which involved co-coordinating and writing the SPA submission to the National Literacy Inquiry (Rowe Report). In 2006 she was an invited member of the literacy working party for the Western Australian Department of Education and Training literacy and numeracy review.

Ms Brooke Sanderson

Brooke is a speech pathologist with experience working for the Department of Education currently as part of the Statewide Speech and Language Service. She is a member of Speech Pathology Australia. Brooke became involved in clinical coordination in 2010 providing clinic preparation and support tutorials for all third year undergraduate and First Year GEM students. In 2012 Brooke commenced the role of final year clinical coordinator and provides clinic preparation and support tutorials for all final year students, in addition to training for community clinicians.

Associate Professor Anne Whitworth

Anne is a speech pathologist with interests in adult aphasia. She has most recently worked as head of Speech and Language Sciences at Newcastle University in the UK where she taught, supervised and carried out research in aphasia and related areas. She was a founder member of the North of Tyne SLT Research Collaborative which is a highly active partnership aimed at building research capacity and embedding innovation in Speech and Language Therapy (SLT) within the National Health Service. The purpose of the collaborative is to establish and implement a reciprocal framework between knowledge and practice in order to build research capacity in speech pathologists, and to foster a culture where ideas emerge and innovation is valued. Anne is committed to the development of productive partnerships in research and practice involving community clinicians.

Associate Professor Cori Williams

Cori is a speech pathologist and fellow of Speech Pathology Australia who also holds qualifications in linguistics and education. She completed a PhD in applied linguistics in 2002. Cori has held a range of positions in Speech Pathology Australia, including National President (2007–2009) and WA Branch President (2003–2006). Together with Suze Leitão she edited the Proceedings of the National Conference in 2002 and 2003, and ACQ from 2004–2005. She was the National Tour speaker for SPA in 2010. Cori received the SPA Recognition of Service award in 2004, and is currently senior advisor, EBP and Research for SPA.

Cori has held a lecturing position at Curtin since 2000, and currently holds the position of Deputy Head of School. She provides specialist lectures within a range of units. She supervises honours and HDR students. Her research interests are in multi-cultural issues in speech pathology, phonological processing and literacy and communication development.
YEAR 2 TO YEAR 4 STRUCTURE

HUMAN COMMUNICATION SCIENCE
- Cognitive Neuroscience in Speech Pathology
- Applied Speech Science and Stuttering
- Motor Speech and Voice Disorders
- Dysphagia
- Advanced Topics in Speech Pathology 1
- Advanced Topics in Speech Pathology 2

CLINICAL SCIENCE IN SPEECH PATHOLOGY
- Assessment in Speech Pathology
- Intervention in Speech Pathology
- Introductory Clinical Practice in Speech Pathology 1
- Introductory Clinical Practice in Speech Pathology 2
- Professional Development in Speech Pathology
- Collaborative Practice in Speech Pathology 1
- Collaborative Practice in Speech Pathology 2

RESEARCH METHODS
- Psychological Science Experimental Methods
- Speech Science and Data Analysis
- Research to Practice in Speech Pathology 1
- Research to Practice in Speech Pathology 2
Inquiries and Applications:

Application forms can be found at:
http://futurestudents.curtin.edu.au/how-to-apply/

Inquiries about applying and other general information can be directed to the Admissions Team at the Student Services Centre
Tel: +61 8 9266 7805
Email: admissions@curtin.edu.au

Specific inquiries about the content of the course, eligibility, and selection procedures can be directed to:

Dr Mary Claessen, Speech Pathology Program Director
School of Psychology and Speech Pathology
Curtin University
Tel: +61 8 9266 3472
Email: M.Claessen@curtin.edu.au

Disclaimer and Copyright Information

This publication has been written specifically for prospective students who are Australian or New Zealand citizens, or have Australian resident status.

Information in this publication is correct at the time of printing, but may change from time to time. For the most up-to-date details on Curtin’s prerequisites, refer to the TISC website at: tisc.edu.au

Curtin will not be liable to you or to any other person for any loss or damage (including direct, consequential or economic loss or damage) however caused and whether by negligence or otherwise which may result directly or indirectly from the use of this publication.

International students please note:
This publication is intended for Australian citizens and permanent residents only. As some information contained in this publication may not be applicable, international students should refer to: international.curtin.edu.au or phone +61 8 9266 7331 for further information.

Part-time study, external study and online learning is only available to international students studying outside Australia. International students studying on a student visa in Australia cannot study part-time or externally. Some courses are not available to international students.

© Copyright Curtin University 2015

This publication is copyright. Apart from any fair dealing for the purposes of private study, research, criticism or review, as permitted under the Copyright Act 1968, no part may be reproduced by any process without written permission.

Published by Curtin University.

CRICOS Provider code 00301J

Curtin University is a trademark of Curtin University of Technology