

## AUDI90005 Cochlear Implants

| <b>Credit Points:</b>                          | 12.5  |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
|--|---|----------------|--|---------|----------------------------|----------------|--------------------------------|------------|-------|--|------------|------|--|-----------|----|--------------------------------|-----------|----|
| <b>Level:</b>                                  | 9 (Graduate/Postgraduate)   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Dates &amp; Locations:</b>                  | 2016, Parkville<br>This subject commences in the following study period/s:<br>Year Long, Parkville - Taught on campus.  |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Time Commitment:</b>                        | Contact Hours: Lectures and Practical Sessions: 34 hours. Clinics: 20 hours. Total Time Commitment: 170 hours   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Prerequisites:</b>                          | <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AUDI90015 Acoustics</td> <td>Semester 1</td> <td>6.25</td> </tr> <tr> <td>AUDI90017 Perception Of Sound &amp; Speech</td> <td>Semester 1</td> <td>6.25</td> </tr> <tr> <td>AUDI90023 Hearing Devices and Rehabilitation A</td> <td>Year Long</td> <td>25</td> </tr> <tr> <td>AUDI90021 Clinical Audiology A</td> <td>Year Long</td> <td>25</td> </tr> </tbody> </table>  |                |  | Subject | Study Period Commencement: | Credit Points: | AUDI90015 Acoustics            | Semester 1 | 6.25  | AUDI90017 Perception Of Sound & Speech | Semester 1 | 6.25 | AUDI90023 Hearing Devices and Rehabilitation A | Year Long | 25 | AUDI90021 Clinical Audiology A | Year Long | 25 |
| Subject  | Study Period Commencement:  | Credit Points: |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| AUDI90015 Acoustics                            | Semester 1  | 6.25           |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| AUDI90017 Perception Of Sound & Speech         | Semester 1  | 6.25           |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| AUDI90023 Hearing Devices and Rehabilitation A | Year Long   | 25             |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| AUDI90021 Clinical Audiology A                 | Year Long   | 25             |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Corequisites:</b>                           | <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AUDI90007 Clinical Audiology B</td> <td>Year Long</td> <td>12.50</td> </tr> </tbody> </table>  |                |  | Subject | Study Period Commencement: | Credit Points: | AUDI90007 Clinical Audiology B | Year Long  | 12.50 |  |            |      |  |           |    |                                |           |    |
| Subject  | Study Period Commencement:  | Credit Points: |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| AUDI90007 Clinical Audiology B                 | Year Long   | 12.50          |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Recommended Background Knowledge:</b>       | N/A   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Non Allowed Subjects:</b>                   | N/A   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Core Participation Requirements:</b>        | <p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt; &lt;p&gt;It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p> |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Coordinator:</b>                            | Prof Richard Dowell   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Contact:</b>                                | <a href="mailto:rcd@unimelb.edu.au">rcd@unimelb.edu.au</a> (mailto:rcd@unimelb.edu.au)  |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Subject Overview:</b>                       | This course introduces students to the design principles of cochlear implants and the history of their development. All aspects of the clinical application of cochlear implants including audiological evaluation, medical issues, counselling, programming of devices and outcome measures are covered.   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |
| <b>Learning Outcomes:</b>                      | <p>On completion of this subject students should be able to:</p> <ul style="list-style-type: none"> <li># apply audiological assessment techniques to accurately evaluate a severe to profoundly hearing impaired individual;</li> <li># apply communication skills to effectively counsel candidates regarding cochlear implants;</li> <li># apply communication skills to effectively rehabilitate/habilitate cochlear implant recipients;</li> </ul>   |                |  |         |                            |                |                                |            |       |  |            |      |  |           |    |                                |           |    |

|                           |  |
|---------------------------|--|
|                           | <ul style="list-style-type: none"> <li># apply audiological skills to manage and assess cochlear implants patients pre and post operatively;</li> <li># develop a management plan for patients for whom a cochlear implant is not appropriate;</li> <li># understand the technical advances and limitations of cochlear implant technology</li> </ul>  |
| <b>Assessment:</b>        | <ul style="list-style-type: none"> <li>• A short answer test in week 13 of semester 3 – 15%</li> <li>• A written assignment not exceeding 1500 words due in week 8 of semester 4 – 25%</li> <li>• A two hour written examination at the end of semester 4 – 60%</li> </ul> <p>Hurdle Requirement: Students must pass the written exam to pass the subject.</p>   |
| <b>Prescribed Texts:</b>  | Nil  |
| <b>Breadth Options:</b>   | This subject is not available as a breadth subject.  |
| <b>Fees Information:</b>  | Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>  |
| <b>Generic Skills:</b>    | <p>At the completion of this subject students should be able to demonstrate:</p> <ul style="list-style-type: none"> <li># critical thinking, analytical and problem-solving skills;</li> <li># the ability to integrate theory and practice and to apply this in novel situations;</li> <li># an openness to new ideas;</li> <li># planning and time management skills;</li> <li># the ability to communicate their knowledge in both oral and written form;</li> <li># the ability to behave in a professionally appropriate manner.</li> </ul> |
| <b>Related Course(s):</b> | Master of Clinical Audiology   |