MEMBERS OF THE BOARD OF STUDIES FOR THE BACHELOR OF SCIENCE
Senior Deputy Vice-Chancellor’s Nominee as Chair (Winthrop Professor Grady Venville)
Academic Board Chair Nominee (Professor Elizabeth Geelhoed)
Dean, Faculty of Arts, Humanities and Social Sciences or Nominee (Associate Professor Andrea Gaynor)
Dean, Faculty of Engineering, Computing and Mathematics or Nominee (Professor Cara MacNish)
Dean, Faculties of Science (Life and Physical Sciences) or Nominee (Winthrop Professor Brendan Waddell)
Dean, Faculty of Medicine, Dentistry and Health Sciences or Nominee (Professor Peter Henry)
Dean, Faculties of Sciences (Natural and Agricultural Sciences) or Nominee (Ms Marjan Heibloem)
Registrar or Nominee (Mr Wayne Betts)
Guild President (Mr Matthew Mackenzie)

IN-ATTENDANCE
Senior Academic Reviewer (Winthrop Professor Ian Reid)

BOARD OF STUDIES FOR THE BACHELOR OF SCIENCE MEETING –
MONDAY 2ND APRIL 2012

AGENDA

This is to confirm that the first meeting of the Board of Studies for the Bachelor of Science in 2012 will be held from 10.00am to 11.30am on Monday 2nd April 2012 in the Chancellor’s Room.

Part 1 of the agenda consists of items for communication. Part 2 of the agenda relates to items for decisions to be dealt with en bloc by motion by the Chair. Part 3 is for discussion. A member may request the transfer of an item from Part 1 or 2 to Part 3.

Dr Kabilan Krishnasamy
Executive Officer
Academic Policy Services

PART 3 – ITEM FOR DISCUSSION AND DECISION

7. FACULTY OF SCIENCES: NEW MAJOR IN APPLIED PHYSICS – Ref: F41632

Attached (Attachment F) for members’ consideration is a concept plan to offer a new major in Applied Physics from 2013.

For consideration.
Concept plan for Proposed New Major:
Applied Physics ()

Please note that this major is not yet approved.

<table>
<thead>
<tr>
<th>Information</th>
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<tbody>
<tr>
<td>Title: Applied Physics</td>
</tr>
<tr>
<td>Degree: Bachelor of Science</td>
</tr>
<tr>
<td>Faculty: Life and Physical Sciences</td>
</tr>
<tr>
<td>Resp. Org. Entity: Physics (00560)</td>
</tr>
<tr>
<td>Contact: Ian McArthur (<a href="mailto:ian.mcarthur@uwa.edu.au">ian.mcarthur@uwa.edu.au</a>)</td>
</tr>
<tr>
<td>First year of offer: 2013</td>
</tr>
</tbody>
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**Part 1: Concept Plan**

**Major details**

- **Academic Content:** The proposed new major is designed to allow a pathway to a Major incorporating applied physics content for students students entering UWA without WACE Mathematics Specialist who do not have points available in their degree structure to backfill the mathematics requirements for the Physics major. It is seen as an important complement to majors in chemistry, biological sciences, environmental sciences and geology for students who require or wish to have mastery of applied aspects physics.

- **Alignment with Faculty Strategic and Operational Priorities Plan:** The proposed major aligns with the following element of the LPS OPP and Strategic Plan: "The Faculty is committed to attracting high quality students and providing an appropriate environment for them to develop the knowledge and skills necessary for a career in science."

- **Alignment with University's Strategic and Operational Priorities Plan:** The major is consistent with UWA’s operational objective "To recruit and graduate a diverse student cohort of highest quality." This major will allow a more diverse chort of students to study physics.

- **Type:** Single major
  - Will be offered as a degree-specific major
  - Will be offered as a second major
  - Co-requisite majors (for second major), if any:
    - None
  - Honours will be proposed for major
  - Graduate Entry Diploma proposed

- **Expected Enrolment:** 50 (Based on current enrolment patterns in the BSc this major is to cater for people with and without Physics but relativley low Maths. Experiences made during the enrolment period and enquires from student with a low maths background suggest a need for this.)

**Structure**

- **Structure:** 2 + 2 + 4

**Overlap with other majors**

- This major includes units offered in other majors within the same degree course/knowledge paradigm

- This major includes units offered in other majors across different degree courses/knowledge paradigms

**Preliminary consultations**

**Committee endorsements and approvals**

<table>
<thead>
<tr>
<th>Review committee</th>
<th>Status</th>
<th>Resolution</th>
<th>Date</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>Faculty Board</td>
<td>Endorsed</td>
<td>Approved in Principle by Brendan Waddell Vice Dean LPS</td>
<td>29/03/2012</td>
<td></td>
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<tr>
<td>Board of Studies - BSc</td>
<td>Not yet approved</td>
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